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#### LAWS OF THE UNITED STATES

RELATING TO THE

## IMPROVEMENT OF RIVERS AND HARBORS

FROM

AUGUST 11, 1790, TO MARCH 4, 1907

COMPILED IN THE
OFFICE OF THE CHIEF OF ENGINEERS, U. S. ARMY

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(For continuation of this list see "Contents" in Volume II, page XII et seq.)

#### LETTER OF TRANSMITTAL.

WAR DEPARTMENT,
OFFICE OF THE CHIEF OF ENGINEERS,
Washington, February 10, 1905.

Sir: Joint resolution of Congress, approved February 1, 1905, provides:

That there shall be printed three thousand copies of a compilation of the laws of the United States relating to the improvement of rivers and harbors, passed until and including the laws of the second session of the Fifty-eighth Congress, of which six hundred copies shall be for the use of the Senate, one thousand four hundred copies for the use of the House of Representatives, and one thousand copies for the use of the War Department, the said compilation to be printed under the direction of the Secretary of War.

The compilation thus called for has been prepared in this Office, and is submitted herewith with recommendation that it be printed and bound at the Government Printing Office in pursuance of the above-quoted provision of law. To save expense in case further editions are required, I beg to suggest that the publication be electrotyped.

Very respectfully,

A. MACKENZIE,
Brig. Gen., Chief of Engineers, U. S. Army.

Hon. Wm. H. Taft, Secretary of War.

[First indorsement.]

WAR DEPARTMENT, February 11, 1905.

Approved.

John C. Scofield, Chief Clerk.

EXTRACT FROM THE RIVER AND HARBOR ACT APPROVED JUNE 13, 1902.

Sec. 13. That there shall be printed three thousand copies of the laws of the United States relating to the improvement of rivers and harbors passed until and including the laws of the first session of the Fifty-seventh Congress, of which six hundred copies shall be for the use of the Senate, fourteen hundred for the use of the House, and one thousand copies for the use of the War Department. Said compilation shall be printed under the direction of the Secretary of War.

EXTRACT FROM THE RIVER AND HARBOR ACT APPROVED MARCH 2, 1907.

Sec. 4. That the compilation of laws of the United States relating to the improvement of rivers and harbors authorized by section thirteen of the river and harbor Act of June thirteenth, nineteen hundred and two, and joint resolution of Congress approved February first, nineteen hundred and five, shall be extended to include all such laws enacted up to the close of the second session of the Fifty-ninth Congress; and three thousand copies of this compilation shall be printed under the direction of the Secretary of War, of which six hundred copies shall be for the use of the Senate, one thousand four hundred copies for the use of the House, and one thousand copies for the use of the office of the Chief of Engineers, United States Army.

#### LAWS OF THE UNITED STATES

RELATING TO THE

## IMPROVEMENT OF RIVERS AND HARBORS,

FROM

#### AUGUST 11, 1790, TO MARCH 4, 1907.

CHAP. 43.—An Act Declaring the assent of Congress to certain Acts of the States of Maryland, Georgia, and Rhode Island and Providence Vol. 1, p. 184. Plantations. [Expired.]

1791, c. 3.

Be it enacted by the Senate and House of Representatives Certain acts of several States of the United States of America in Congress assembled, That that relate to of the United States of America in Congress assembled, That that relate to the consent of Congress be, and is hereby declared to the sels declared to operation of the acts of the several states hereinafter be in operation until January 10, mentioned, so far as the same relate to the levying a 1791. duty on the tonnage of ships and vessels for the purposes therein mentioned until the tenth day of January next that is to say: an act of the General Assembly of the state of Rhode Island and Providence Plantations, at their session held in January, one thousand seven hundred and ninety, intituled [sic] "An act to incorporate certain persons by the name of the River Machine Company, in the town of Providence, and for other purposes therein mentioned;" and also, an act of the General Assembly of the state of Maryland, at their session in April, one thousand seven hundred and eighty-three, intituled [sic] "An act appointing wardens for the port of Baltimore-town in Baltimore county;" as also, another act of the General Assembly of the same state, passed at their session in November, one thousand seven hundred and eighty-eight, intituled [sic] "A supplement to the act intituled [sic], An act appointing wardens for the port of Baltimore-town in Baltimore county;" and also, an act of the state of Georgia, "for levying and appropriating a duty on tonnage, for the purpose of clearing the river Savannah, and removing the wrecks and other obstructions therein."

Approved, August 11, 1790.

Jan 10, 1791. Vol. 1, p. 189.

CHAP. 3.—An Act To continue an Act intituled [sic] "An Act declaring the assent of Congress to certain Acts of the States of Marvland, Georgia, and Rhode Island and Providence Plantations," so far [Expired.] as the same respects the States of Georgia and Rhode Island and Providence Plantations.

another year, etc.

Be it enacted by the Senate and House of Representatives Act continued as to Georgia and of the United States of America in Congress assembled, That Rhode Island for the act passed the last session of Congress, intituled [sic] An act declaring the assent of Congress to certain acts of

c. 10.

the states of Maryland, Georgia, and Rhode Island and 1790, c. 43; 1792, Providence Plantations," shall be continued, and is hereby declared to be in full force, so far as the same respects the states of Georgia, and Rhode Island and Providence Plantations, for the farther term of one year, and from thence to the end of the then next session of Congress, and no longer.

Approved, January 10, 1791.

Mar. 19, 1792. Vol. 1, p. 243.

[Expired.]

CHAP. 10.—An Act Declaring the consent of Congress to a certain Act of the State of Maryland, and to continue for a longer time, an Act declaring the assent of Congress to certain Acts of the States of Maryland, Georgia, and Rhode Island and Providence Plantations, so far as the same respects the States of Georgia, and Rhode Island and Providence Plantations.

Consent of Conland: and

Section 1. Be it enacted by the Senate and House of Repgress granted to operation of cer-resentatives of the United States of America in Congress tain act of Mary-assembled. That the consent of Congress be, and is hereby granted and declared to the operation of an act of the general assembly of Maryland, made and passed at a session 12, begun and held at the city of Annapolis, on the first Mon-

Act May 1796, c. 26. day in November last, intituled [sic] "An act empowering the wardens of the port of Baltimore to levy and collect the duty therein mentioned."

Georgia and Rhode Island.

Assent to certain acts, Mary-land, etc., as to [sic] "An act declaring the assent of Congress to certain Georgia and acts of the states of Maryland, Georgia and Rhode Island acts of the states of Maryland, Georgia, and Rhode Island and Providence Plantations," shall be continued, and is

1790, c. 48; 1791, hereby declared to be in full force, so far as the same c. 3. respects the states of Georgia, and Rhode Island and Providence Plantations.

Limitation of act to June 1, 1796.

Sec. 3. And be it further enacted, That this act shall be and continue in force for the term of three years, and from thence to the end of the next session of Congress, and no longer.

Approved, March 19, 1792.

May 12, 1796. Vol. 1, p. 463. [Expired.]

CHAP. 26.—An Act Declaring the consent of Congress to a certain Act of the State of Maryland, and to continue an Act declaring the assent of Congress to certain Acts of the States of Maryland, Georgia and Rhode Island and Providence Plantations, so far as the same respects the States of Georgia, and Rhode Island and Providence Plantations.

Section 1. Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be, and is hereby consent of Congress to certain granted and declared to the operation of an act of the Gen-act of Maryland eral Assembly of Maryland, made and passed at a session wardens of port begun and held at the city of Annapolis, on the first Mon- of Baltimore to day of November, in the year one thousand seven hundred duty therein and ninety-one, intituled [sic] "An act empowering the mentioned. wardens of the port of Baltimore to levy and collect the duty therein mentioned."

SEC. 2. And be it further enacted, That the act intituled claring assent of [sic] "An act declaring the assent of Congress to certain Congress to certacts of the States of Maryland, Georgia and Rhode Island of Maryland, and Providence Plantations," shall be continued, and is Georgia, and Rhode Island hereby declared to be in full force, so far as the same continued in respects the states of Georgia and Rhode Island and Provi1790, c. 43; 1800 dence Plantations.

SEC. 3. And be it further enacted. That this act shall be, and continue in force for the term of three years, and from thence to the end of the next session of Congress thereafter, and no longer.

Approved, May 12, 1796.

CHAP. 21.—An Act Declaring the consent of Congress to an Act of the Commonwealth of Massachusetts.

Mar. 27, 1798. Vol. 1, p. 546.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Consentof Conthe consent of Congress be and hereby is granted and de-gress to act of common wealth clared to the operation of an act of the legislature of the of Massachusetts.

Commonwealth of Massachusetts made and passed the second River, Me. day of February, one thousand seven hundred and ninetyeight, intituled [sic] "An act to incorporate Tobias Lord, Oliver Keating, Thatcher Godard and others for the purpose of keeping in repair a pier, at the mouth of Kennebunk river, and to grant them a duty for reimbursing the expense of erecting the same."

Approved, March 27, 1798.

CHAP. 15.—An Act Declaring the assent of Congress to certain Acts of the States of Maryland and Georgia.

Mar. 17, 1800. Vol. 2, p. 18.

[Expired.]

Section 1. Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be, and hereby is Consent of Congranted to the operation of an act of the General Assembly act of State of of the state of Maryland, passed on the twenty-sixth day tioned; and to so of December, one thousand seven hundred and ninety-one, much of act of entitled "An act empowering the wardens of the port of etc." Baltimore to levy and collect the duty therein mentioned," c. 60; 1808, c. 47; 1814, c. 60; 1822, c. 29, and also to so much of an act of the state of Georgia, passed February the tenth, one thousand seven hundred and

c.11. eighty-seven, entitled "An act for regulating the trade, laying duties on all goods, wares, liquors, n.erchandise and negroes imported into this state; and also an impost on the tonnage of shipping, and for other purposes therein mentioned," as authorizes a duty of three pence per ton on all shipping entering the port of Savannah, to be set apart as a fund for clearing the river Savannah.

Limitation of Sec. 2. And be it further enacted, That this act shall be, and continue in force until the third day of March, one thousand eight hundred and eight, and no longer.

Approved, March 17, 1800.

Apr. 6, 1802. Vol. 2, p. 150. CHAP. 20. An Act Authorizing the erection of certain lighthouses; and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Sum appropriated for public for the Secretary of the Treasury, under the direction of the River. 1805, c. 21.

On what conditions.

On what conditions and that the same be paid out of any moneys in the treasury, not otherwise appropriated: Provided, that the jurisdiction of the Site where any such piers may be erected, shall be first ceded to the United States, according to the conditions in such case by law provided.

Approved. April 6, 1802.

Mar. 16, 1804. **CHAP. 22.**—An Act Declaring the assent of Congress to an Act of Vol. 2, p. 269. the general assembly of Virginia, therein mentioned.

Assent of Congress to act of of the United States of America in Congress assembled, That Virginia for im-the assent of Congress is hereby given and declared to proving naviga- an act of the general assembly of Virginia, intituled [sic] River, etc.

"An act for improving the navigation of James River," which act was passed on the twenty-third day of January, in the year one thousand eight hundred and four.

Approved, March 16, 1804.

Mar. 1, 1805. CHAP. 21.—An Act Making appropriations for the support of Government, for the year one thousand eight hundred and five.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That \* \* the following sums be, and the same hereby are respectively appropriated; that is to say:

For reviving so much of unexpended balances of appro-Reviving unexpended balances priations granted by an act passed the sixth of April, one ances. thousand eight hundred and two, and which have been carried to the surplus fund, to wit:

For erecting public piers in the river Delaware, five thou-ware River. sand eight hundred and eighty-eight dollars, and seventy-1802, c. 20.

nine cents.

Approved, March 1, 1805.

CHAP. 12.—An Act Declaring the consent of Congress to an Act Feb. 28, 1806. of the State of Pennsylvania, intituled, [sic] "An Act to empower the Vol. 2, p. 353. board of wardens, for the port of Philadelphia, to collect a certain duty on tonnage, for the purposes therein mentioned."

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Assent of Control the consent of Congress be, and it is hereby granted and legislature of declared to the operation of an Act of the legislature of Pennsylvania, and of the legislature of Pennsylvania on the control to the operation of the legislature of Pennsylvania of the legislature of the Pennsylvania, passed on the first day of April, in the year tonnage. one thousand eight hundred and five, intituled [sic] "An act to empower the board of wardens, for the port of Philadelphia, to collect a certain duty on tonnage, for the purposes therein mentioned," so far as to enable the state of Pennsylvania to collect a duty of four cents per ton, on all vessels which shall clear out from the port of Philadelphia for any foreign port or place whatever, to be expended in building piers in, and otherwise improving the navigation of the river Delaware, agreeably to the intentions of the said act.

Approved, February 28, 1806.

CHAP. 33.—An Act Making appropriations for the support of Apr. 18, 1806. Government for the year one thousand eight hundred and six. Vol. 2, p. 384.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That objects of appropriation. for the expenditure of the civil list, in the present year, including the contingent expenses of the several departments and officers; \* \* \* and for satisfying certain miscellaneous claims; the following sums be, and the same hereby are respectively appropriated, that is to say:

For the payment of a commission of two and a half per- Piers in Delacent. to the commissioners who superintended the erection ware River. of public piers in the river Delaware, four hundred and forty-eight dollars and seventy-one cents.

SEC. 2. And be it further enacted, That the several appro- 1790, c. 34. priations hereinbefore made, shall be paid and discharged out of the fund of six hundred thousand dollars, reserved

by an act making provision for the debt of the United States, and out of monies [sic] in the treasury, not otherwise appropriated.

Approved, April 18, 1806.

Apr. 20, 1808. Vol. 2, p. 484.

CHAP. 47.—An Act To revive and continue in force "An Act declaring the assent of Congress to certain acts of the States of Maryland and Georgia."

[Expired.]

1861, c. 11.

Be imenacted by the Senate and House of Representatives Act Mar. 17, of the United States of America in Congress assembled, That vived and con the act which passed the seventeenth day of March, in the until Mar. 3,1814. year one thousand eight hundred, intituled [sic] "An act 1800, c. 15. declaring the assent of Congress, to certain acts of the 1814, c. 60. Act Jan. 19, states of Maryland and Georgia," be, and the same is heredeclaring the assent of Congress, to certain acts of the by revived and continued in force until the third day of March, one thousand eight hundred and fourteen.

Approved, April 20, 1808.

Feb. 10, 1809. Vol. 2, p. 516.

CHAP. 15.—An Act Making appropriations to complete the fortifications commenced for the security of the seaport towns and harbors of the United States, and to defray the expense of deepening and extending to the River Mississippi, the canal of Carondelet.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Canal of Caron-

SEC. 2. And be it further enacted, That the President delet, to be made under direction of the United States be, and he is hereby authorized to of President. cause the canal of Carondelet, leading from Lake Ponchartrain, by way of the Bayou St. John, to the city of New Orleans, to be extended to the river Mississippi, and made sufficiently deep throughout to admit an easy and safe passage to gunboats, if, upon survey thereof, he shall be convinced that the same is practicable, and will conduce to the more effectual defense of said city; and that for the Appropriation, purpose of defraying the expense thereof, there be, and hereby is appropriated the sum of twenty-five thousand

dollars, to be paid out of any monies [sic] in the treasury not otherwise appropriated.

Approved, February 10, 1809.

Apr. 16, 1814. Vol. 3, p. 125.

CHAP. 60.—An Act To revive and continue in force "An Act declaring the assent of Congress to certain acts of the States of Maryland and Georgia."

Be it enacted by the Senate and House of Representatives Act. Mar. 17, of the United States of America in Congress assembled, That tinued in force the act which passed the seventeenth day of March, in until Mar. 3, 1822, the year one thousand eight hundred articled "Are act the year one thousand eight hundred, entitled "An act 1822, c. 29. the year one thousand organ management of the Act Jan. 19, declaring the assent of Congress to certain acts of the 1861, c. 11. states of Maryland and Georgia," be, and the same is

hereby revived and continued in force until the third day of March, one thousand eight hundred and twenty-two: Provided, That nothing herein contained shall authorize the demand of a duty on tonnage, on vessels propelled by steam, employed in the transportation of passengers.

Approved, April 16, 1814.

CHAP. 77.—An Act Declaring the assent of Congress to An act of the general assembly of the state of Virginia.

Apr. 26, 1816. Vol. 3. p. 301.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Assent of Congress assembled, That Assent of Congress given to act the assent of Congress is hereby given and declared to of general assembly of Virginia, entitled "An for improving act incorporating a company for the purpose of im-navigation of James River. proving the navigation of James river from Warwick to Rockett's landing," which act was passed on the twentysecond day of February, in the year one thousand eight hundred and sixteen.

Approved, April 26, 1816.

CHAP. 18.—An Act Making appropriations for the military service of the United States for the year eighteen hundred and nineteen.

Feb. 15, 1819. Vol. 3, p. 480.

Obsolete.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively, appropriated:

For making a survey of the water courses tributary to, water courses. and west of, the Mississippi; also those tributary to the same river, and northwest of the Ohio; six thousand five hundred dollars.

SEC. 2. And be it further enacted, That the several appro- moneys to be paid out of Treaspriations hereinbefore made, shall be paid out of any ury. moneys in the Treasury not otherwise appropriated.

Approved, February 15, 1819.

CHAP. 47.—An Act To enable the people of the Alabama Territory to form a constitution and State government, and for the admission of such State into the Union on an equal footing with the original States.

Mar. 2, 1819. Vol. 3, p. 489.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Alabama author-the inhabitants of the territory of Alabama be, and they ized to form con-stitution and are hereby, authorized to form for themselves a consti-State governtution and state government, and to assume such name ment. as they may deem proper; and that the said territory,

To be admitted when formed into a state, shall be admitted into the union, into Union. upon the same footing with the original states, in all respects whatever.

SEC. 6. And be it further enacted. That the following Propositions offered to convention; to be propositions be, and the same are hereby, offered to the obligatory if actions to the convention; to be propositions be, and the same are hereby, offered to the obligatory if actions of the residuence of Alabama when formed convention of the said territory of Alabama, when formed. cepted. for their free acceptance or rejection, which, if accepted by the convention, shall be obligatory upon the United States.

Five percent of making public roads, canals, etc

Third. That five per cent. of the net proceeds of the net proceeds of land sold after lands lying within the said territory, and which shall be sept. 1, 1819, to sold by Congress, from and after the first day of September reserved for sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from and after the first day of September 1819, to sold by Congress, from an after the first day of September 1819, to sold by Congress, from an after the first day of September 1819, to sold by Congress, from an after the first day of September 1819, to sold by Congress, from an after the first day of September 1819, to sold by Congress, from a september 1819, to sold by Congress, from a september 1819, to sold by Congress 18 public ber, in the year one thousand eight hundred and nineteen, after deducting all expenses incident to the same, shall be reserved for making public roads, canals, and improving the navigation of rivers, of which three-fifths shall be applied to those objects within the said state, under the direction of the legislature thereof, and two-fifths to the making of a road or roads leading to the said state. under the direction of Congress.

Approved, March 2, 1819.

Apr. 14, 1820. Vol. 3, p. 562.

CHAP. 45.—An Act Making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively, appropriated:

Survey of water courses.

For making a survey of the water-courses tributary to, and west of, the Mississippi, also those tributary to the same river and northwest of the Ohio, four thousand five hundred dollars.

Survey, maps, and charts of For making a survey, maps, and charts, of the Ohio and Ohio and Missis-Mississippi rivers, from the rapids of the Ohio at Louissippi. ville, to the Balize, for the purpose of facilitating and ascertaining the most practicable mode of improving the navigation of those rivers, five thousand dollars.

Out of money in Treasury.

Sec. 2. And be it further enacted, That the several appropriations hereinbefore made, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, April 14, 1820.

**CHAP. 52.**—An Act In addition to the several Acts for the establishment and regulation of the Treasury, War, and Navy Departments.

May 1, 1820. Vol. 3, p. 567.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

\* \* \* \*

Sec. 6. And be it further enacted, That no contract shall No contracts to hereafter be made by the Secretary of State, \* \* \* or under authority of the Department of War, \* \* \* except under a law of law or an adequate authorizing the same, or under an appropriation adequate tion.

SEC. 7. And be it further enacted, That no land shall be purchased for the purchased on account of the United States, except under b. S. except under be authority of

a law authorizing such purchase.

Approved, May 1, 1820.

CHAP. 36.—An Act Making appropriations for the support of the Mar. 3, 1821. Navy of the United States, for the year one thousand eight hundred vol. 3, p. 634. and twenty-one.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, for defraying the expenses of the navy, for the year one thousand eight hundred and twenty-one, the following sums be, and the same are hereby, respectively appropriated:

For the purpose of enabling the Secretary of the Navy Removing obtoremove obstructions placed in the river Thames, in River Thames. Connecticut, by the commander of the American ships, during the late war, one hundred and fifty dollars.

Sec. 2. And be it further enacted, That the several appro- out of money priations hereinbefore made, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 3, 1821.

**CHAP. 52.**—An Act To authorize the building of lighthouses Mar. 3,1821. therein mentioned, and for other purposes. Vol. 3, p. 643.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \*\*\*

SEC. 4. And be it further enacted, That the President of President rethe United States be, and he is hereby, authorized and re-survey of Isles of quested to cause such an examination or survey of the Isles Shoals, examination of Shoals [a], on the coast of New Hampshire and Maine, at Smutty Nose to be made, by proper and intelligent persons, as may be

a This locality is known also as Gosport Harbor, the village of Gosport being located on Star Island, the principal island of the group.

requisite to ascertain the expediency and practicability of repairing the sea-wall, at Smutty Nose island, and of building a sea-wall between said island and Cedar island.

Portsmouth And that the President be further requested in like manner, to ascertain the expediency of erecting a stone pier

on Sunken rocks, in the harbour of Portsmouth, in the President au-State of New Hampshire. And the President is hereby thorized to cause the sea-wall aforesaid to be repaired, and the pier aforesaid to be erected, by contract, under the direction of the collector of the district of Portsmouth

and the pier aforesaid to be erected, by contract, under the direction of the collector of the district of Portsmouth, if, on the report of such persons, he shall deem it necessary. And the President is further requested to commuprieste to Congress at their next session, the result of so

Result to be nicate to Congress, at their next session, the result of so communicated to much of the examination and survey, as relates to the expediency and practicability of building the sea-wall

Proviso.
No money to be expended till cession, etc.

Reproved the pier aforesaid, until the jurisdiction of the site thereof shall be ceded by the State of New Hampshire to the United States.

\$2,500 appropriated for purposes, etc.

SEC. 5. And be it further enacted, That a sum, not exceeding two thousand five hundred dollars, is hereby appropriated for the purposes aforesaid; to be paid out of any money in the treasury not otherwise appropriated.

Approved, March 3, 1821.

Apr. 20, 1822.
Vol. 3, p. 665.

CHAP. 29.—An Act To revive and continue in force "An Act declaring the assent of Congress to certain Acts of the states of Maryland and Georgia."

Re it enacted by the Senate and House of Representatives
1800, c. 15, declaring assent of Congress to Congres to Congress to Congress to Congress to Congress to Congress to C

Approved, April 20, 1822.

May 7, 1822. Vol. 3, p. 698. CHAP. 119.—An Act To authorize the building of lighthouses therein mentioned, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

SEC. 5. And be it further enacted, That the Secretary of Treasury to prothe Treasury be, and he hereby is, authorized to provide, vide by contract, by contract, to be approved by the President of the United sea wall, etc., at States, for building a sea-wall or pier at the Islesof Shoals [a], Isles of Shoals, etc. between Cedar Island and Smutty-Nose Island, on the coast of New Hampshire and Maine, conformably to the report of the commissioners appointed under the fourth section of the act passed the third day of March, one thousand eight hundred and twenty-one, entitled "An act to authorize the 1821, c. 52. building of lighthouses therein mentioned, and for other purposes," and that a sum, not exceeding eleven thousand five hundred dollars, is hereby appropriated for the purpose aforesaid, to be paid out of any moneys in the treasury not otherwise appropriated.

Ante. p. 24.

SEC. 6. And be it further enacted, That the Secretary of two piers to the Treasury be authorized and required to cause to be contract, at a erected in the Bay of Delaware, at or near a place called "Shears," near the Shears, near Cape Henlopen, by contract or contracts, Cape Henlopen, by Contract or Cape Henlopen, by Ca to be approved by the President of the United States, two water), etc. piers of sufficient dimensions to be a harbor or shelter for vessels from the ice, if, after a survey made under his direction, the measure shall be deemed expedient; And pro-Jurisdiction of site to be first vided That the jurisdiction of the site where such piers may ceded. be erected, shall be first ceded to the United States, according to the conditions in such case by law provided; and that, for the purpose of carrying the same into effect, there be appropriated the sum of twenty-two thousand seven hundred dollars, to be paid out of any moneys in the treas-

Approved, May 7, 1822.

ury not otherwise appropriated.

CHAP. 56.—An Act To authorize the building of lighthouses, light vessels, and beacons, therein mentioned, and for other purposes.

Mar. 3, 1823. Vol. 3, p. 780.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

SEC. 3. And be it further enacted, That the President cause examination of the United States be, and he is hereby, authorized to tion and survey cause such an examination and survey to be made of the structions beobstruction between the harbour of Gloucester and the tween harbors of Gloucester and the State of Massa-Annisous, in harbour of Squam [Annisquam], in the State of Massa-Annisquam, is chusetts, as may be requisite to ascertain the expediency Massachusetts. of removing such obstruction; and the President is hereby authorized to cause such obstruction to be removed, by contract or otherwise, under the direction of the collector of the district of Gloucester, if, from the report of persons he may appoint to examine and survey the same, he shall deem it expedient; and a sum, not exceeding six thousand

appropriation. dollars, is hereby appropriated for that purpose, to be paid out of any money in the treasury not otherwise appropriated.

Appropria ti o n

Sec. 4. And be it further enacted, by the authority afore-Appropriation SEC. 4. And set further enacted, by the distribution of survey of said, That the sum of one hundred and fifty dollars be, port Presque Isle and the same is hereby, appropriated, to be paid out of any (Erie). money in the treasury, not otherwise appropriated, to enable the President of the United States, to cause the entrance of the harbour of the port of Presque Isle, in Pennsylvania, to be examined and surveyed by one of the Topographical Engineers of the United States, whose duty it shall be to make a probable estimate of the expense of removing the obstructions, and report on the best manner of removing them, and the effect of such removal on the channel in future.

Approved. March 3, 1823.

Apr. 30, 1824. Vol. 4, p. 22.

CHAP. 46.—An Act To procure the necessary surveys, plans, and estimates, upon the subject of roads and canals.

Be it enacted by the Senate and House of Representatives  $\cdot$ President to of the United States of America, in Congress assembled, That cause necessary of the Critical States of Inner tea, in Congress assembled, Inner surveys, etc., to the President of the United States is hereby authorized to be made of such cause the necessary surveys, plans, and estimates, to be made as he may deem of the routes of such roads and canals as he may deem of national importance, in a commercial or military point of portance, etc. view, or necessary for the transportation of the public mail; designating, in the case of each canal, what parts may be made capable of sloop navigation: the surveys, plans, and estimates, for each, when completed, to be laid before Congress.

ployed.

Two or more SEC. 2. And be it further enacted, That, to carry into neers to be em-effect the objects of this act, the President be, and he is hereby, authorized to employ two or more skilful civil engineers, and such officers of the corps of engineers, or who may be detailed to do duty with that corps, as he may think proper; and the sum of thirty thousand dollars be, and the same is hereby, appropriated, to be paid out of any moneys in the treasury, not otherwise appropriated.

Approved, April 30, 1824.

May 13, 1824. Vol. 4, p. 23.

CHAP. 65.—An Act Declaring the consent of Congress to certain Acts of the State of Alabama.

Be it enacted by the Senate and House of Representatives Consent of Con- of the United States of America, in Congress assembled, That acts of general the consent of Congress be, and hereby is, granted to the assembly of Ala- operation of an act of the general assembly of the State of Alabama, passed on the thirtieth of December, one and 31, 1823. thousand eight hundred and twenty-three, entitled "An act to improve the navigation of the Coosa river, and to aid in its connection with the Tennessee waters;" and, also, to an act, passed on the thirty-first of December. one thousand eight hundred and twenty-three, entitled "An act to improve the navigation of the Tennessee river."

Approved, May 13, 1824.

CHAP. 139.—An Act To improve the navigation of the Ohio and May 24, 1824. Mississippi rivers. Vol. 4, p. 32,

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That President authorized to cause the President of the United States be, and he is hereby, navigation of authorized to cause the navigation of the Ohio river to be improved. improved over the following sand bars, or either of them, 1832, c. 153. at his discretion, to wit:

The sand bar which crosses said river, one mile and a

quarter below Flint Island:

The sand bar two miles above French Island:

The bar just below Henderson: The bar below Straight Island;

The bar below Willow Island, in the Mississippi bend; And the bar opposite to lower Smithland, below Cum-

berland Island:

And, for the purpose of ascertaining and directing the best method of carrying the provisions of this act into effect, he may employ any of the engineers in the public service which he may deem proper: Provided, nevertheless, That two experiments shall first be made upon two of the said bars, and if in his judgment they shall be successful, then, and not otherwise, he is hereby authorized to cause im-

provements to be made upon the remaining bars.

SEC. 2. And be it further enacted, That, for the purpose President to of improving the navigation of the Mississippi river, from measures to renthe mouth of the Missouri to New Orleans, and of the Ohio dernavigation of river from Pittsburg to its junction with the Mississippi, Ohio safe. the President of the United States is hereby authorized to take prompt and effectual measures for the removal of all trees which may be fixed in the bed of said river; and, for this purpose, he is authorized to procure and provide, in that way which in his discretion may be most eligible, the requisite water craft, machinery, implements, and force, to raise all such trees, commonly called "planters, sawvers, or snags," as may be found in the current of the said rivers at the lowest stage of water, and to saw or cut them off, as near as practicable to the bottom of the stream; and where trees are found upon sand-bars, upon the points of islands, or near the bank of the river, which may, at the lowest stage of the water, endanger the safety of navigating said rivers, they shall in like manner be cut, removed, or sawed off, and all roots or limbs, belonging to those parts of said trees, which are fastened in the earth, shall be carefully cut

SEC. 3. And be it further enacted, That, for the purpose \$75,000 approof carrying into effect the provisions of this act, the sum of priated.

Proviso.

seventy-five thousand dollars be, and is hereby, appropriated. And the President of the United States is hereby authorized to draw, from time to time, on the Treasury, for such parts, or at any one time for the whole, of said sum. as he shall judge the service requires; which said sum shall be paid out of any money in the Treasury not otherwise appropriated.

President to ceedings.

SEC. 4. And be it further enacted, That the President be, lay before Con-gress at com- and he is hereby, requested to cause to be laid before Conmencement of gress, as soon as convenience will permit after the comstatement of pro- mencement of each session, a statement of the proceedings under this act, that Congress may be enabled to adopt such further measures as may, from time to time, be necessary under existing circumstances.

Approved, May 24, 1824.

May 26, 1824. CHAP. 153.—An Act Making appropriations for deepening the Vol. 4, p. 38. channel leading into the harbour of Presque Isle, and for repairing Plymouth Beach.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives$ \$20,000 appro- of the United States of America, in Congress assembled, That priated for deep thannel the following sums of money be, and the same are hereby, leading into har appropriated, out of any moneys in the treasury not otherbor of Presque appropriated, out of any moneys in the treasury not other-lise (Erie), and wise appropriated, and placed at the disposition of the \$20,000 to repair, President of the United States, for the purpose of accom-plymouth beach, plishing the objects hereinafter mentioned, to wit:

The sum of twenty thousand dollars, for making or deepening the channel, leading into the harbour of Presque Isle,

in the state of Pennsylvania;

And the sum of twenty thousand dollars, to repair Plymouth Beach, in the state of Massachusetts, and thereby prevent the harbour at that place, from being destroyed.

Approved, May 26, 1824.

Feb. 21, 1825. Vol. 4, p. 82.

CHAP. 11.—An Act Making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty-five.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively, appropriated for the military service of the United States, for the year one thousand eight hundred and twentyfive, to wit:

Appropriation For making surveys, and carrying on the operations of ternal Improve the board of engineers, in relation to internal improvements, and in addition to an unexpended balance on hand, ment. twenty-eight thousand five hundred and sixty-seven dollars.

Approved, February 21, 1825.

CHAP. 15.—An Act Making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-five.

Mar. 2, 1825. Vol. 4, p. 92.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit: For fortifications, to each specifically, as follows:

For the preservation of the islands in Boston harbour, Preservation of islands in Boston necessary to the security of that place, fifty-two thousand Harbor. nine hundred and seventy-two dollars and fifty-six cents, Provided, however, That the right of soil of said islands Proviso. shall be first vested in the United States.

Approved, March 2, 1825.

Mar. 3, 1825. CHAP. 20.—An Act Declaring the assent of Congress to an Act of Vol. 4, p. 94. the general assembly of Virginia, therein mentioned.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Assent of Control the assent of Congress is hereby given and declared to an of general assemact of the general assembly of Virginia, entitled "An act Dec. 8, 1824. incorporating a company for the purpose of improving the navigation of the Appomattox river, from Pocahontas bridge to Broadway," passed on the eighth day of Decem-Navigation of the Appomattox. ber, one thousand eight hundred and twenty-four.

Approved, March 3, 1825.

CHAP. 76.—An Act Authorizing the subscription of stock in the Mar. 3, 1825. Chesapeake and Delaware Canal Company. Vol. 4, p. 124.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Secretary of Treasury authorthe Secretary of the Treasury be, and he is hereby, au ized to subscribe thorized and directed to subscribe, in the name and for for 1,500 shares the use of the United States, for one thousand five hun-of Chesapeake dred shares of the capital stock of the Chesapeake and Canal Co. Delaware Canal Company, and to pay for the same, at such times, and in such proportions, as may be required by the said company, out of the dividends which may grow due to the United States upon their bank stock in the Bank of the United States.

SEC. 2. And be it further enacted, That the said Secretary of tary of the Treasury shall vote for president and directors for president and of the said company, according to such number of shares, directors of company. and shall receive upon the said stock, the proportion of the tolls which shall from time to time, be due to the United States for the shares aforesaid.

Approved, March 3, 1825.

Mar. 3, 1825. Vol. 4, p. 133.

CHAP. 113.—An Act To authorize the building of lighthouses and light vessels, and beacons, and monuments, therein mentioned; and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

SEC. 2. And be it further enacted, That there be appro-Appropriations. priated, out of any money in the treasury not otherwise appropriated, the following sums of money, to wit:

For completing the work to secure Plymouth Beach, in Plymouth beach. the state of Massachusetts, five thousand seven hundred and twelve dollars.

Pier at mouth For erecting a pier at the mouth of Cayahoga River, in of Cuyahoga For erecting a pior at the state of Ohio, five thousand dollars;

Harbor), Ohio.
Grand River And for completing the pier at the mou
(Fairport Har in the same state, one thousand dollars. And for completing the pier at the mouth of Grand River.

And for surveys to be made under the direction of the President of the United States, for the following purposes. to wit:

To ascertain the practicability and necessity of construct-Survey for piers ing a pier, at the mouth of the harbour of Marblehead, for

and Holmes the security of shipping;

And also a pier in the harbour of Holmes' Hole, for the same object, in the state [of] Massachusetts, the sum of four hundred dollars.

Approved, March 3, 1825.

Mar. 3, 1826. CHAP. 9.—An Act For the survey of a route for a canal between Vol. 4, p. 139. the Atlantic and the Gulf of Mexico.

Beit enacted by the Senate and House of Representatives President au of the United States of America, in Congress assembled, That examination to the President of the United States be, and he is hereby, be made south of states authorized to cause to be made an accurate and minute exiting a state of the congress assembled. with view of as amination of the country south of the St. Mary's river, and certaining most including the same, with a view to ascertain the most eligible canal to connect route for a canal, admitting the transit of boats, to connect Gulf of Mexico, the Atlantic with the Gulf of Mexico, and also, with a view to ascertain the practicability of a ship channel;

That he cause particularly to be examined the route from the St. Mary's river to the Appalachicola river or bay, and from the St. John's river to the Vassasousa bay, with a view

to both the above objects;

That he cause the necessary surveys, both by land and along the coast, with estimates of the expense of each, accompanied with proper plans, notes, observations, explanations and opinions, of the board of engineers, and that he cause a full report of these proceedings to be made to Congress; and to carry the same into effect, the sum of twenty thousand dollars be, and the same is hereby, appropriated, out of any money in the treasury not otherwise appropriated.

Appropriation.

Approved, March 3, 1826.

CHAP. 15.—An Act To authorize the legislature of the State of Mississippi to appropriate the amount of the three per cent. fund, arising Vol. 4, p. 149. from the sales of public lands.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That 5 per cent fund three fifths of the five per cent. fund, arising from the arising from sale net proceeds of the sales of public lands, within the state may be applied of Mississippi, may be appropriated by the legislature to making roads, thereof, to the making of public roads and canals, and to ers, etc. the improvement of the navigation of rivers and bays, within said state.

Approved, March 14, 1826.

CHAP. 17.—An Act Making appropriations for the military service Mar. 25, 1826. of the United States, for the year one thousand eight hundred and Vol. 4, p. 150. twenty-six.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That priations for 1826. the following sums be, and the same are hereby, respectively appropriated, for the military service of the United States, for the year one thousand eight hundred and twenty-six, to wit:

For completing the repair of Plymouth beach, thirteen Repair of Plythousand one hundred and eighty-four dollars and ninety Mass. cents.

For completing the works for deepening the channel of Presque Isle entrance into the harbour of Presque Isle, seven thousand (Erie), Pa. dollars.

For the defraying the expenses incidental to making for roads and examinations, surveys, preparatory to, and in aid of, the canals. formation of roads and canals, fifty thousand dollars.

Approved, March 25, 1826.

CHAP. 40.—An Act To authorize a subscription for stock, on the part of the United States, in the Louisville and Portland Canal Company.

May 13, 1826.
Vol. 4, p. 162.

Be it enacted by the Senate and House of Representatives Secretary of of the United States of America, in Congress assembled, That scribe for 1,000 the Secretary of the Treasury be, and he hereby is, austock of Louisthorized and directed to subscribe for, or purchase, in the ville and Portname, and for the use of the United States, not exceed-

ing one thousand shares of the capital stock of the Louisville and Portland Canal Company, and to pay for the same, at such times, and in such proportions, as may be required of, and paid by other stockholders of said company, out of any money in the treasury not otherwise appropriated: *Provided*, Said shares can be procured for a sum not exceeding one hundred dollars each.

Proviso

Secretary of Treasury to vote SEC. 2. And be it further enacted, That the Secretary for president, of the Treasury shall vote for president and directors of etc. of company. said company, according to such number of shares, and shall receive, upon the said stock, the proportion of the tolls which shall, from time to time, be due to the United States, for the shares aforesaid.

Approved, May 13, 1826.

CHAP. 65.—An Act For the subscription of stock in the Dismal May 18, 1826. Vol. 4, p. 169. Swamp Canal Company.

Be it enacted by the Senate and House of Representatives Secretary of the United States of America, in Congress assembled, That for 600 the Secretary of the Treasury be, and he is hereby, authorshares of capital ized and directed to subscribe, in the name and for the use Swamp Canal. of the United States, for six hundred shares of the capital of the United States, for six hundred shares of the capital stock of the Dismal Swamp Canal, and to pay for the same, at such times, and in such proportions, as may be required by the existing rules and regulations of the said company. SEC. 2. And be it further enacted, by the authority afore-

Secretary of Treasury shall vote for dent, etc.

presi-said, That the Secretary of the Treasury shall vote for the president and directors of said company, according to said number of shares, and shall receive, upon said stock, the proportions of tolls and emoluments which shall, from time to time, become due to the United States, on the shares of stock aforesaid.

Act not to go into effect until

SEC. 3. And be it further enacted, That this act shall not the Board of En-go into effect until the United States' board of engineers shall examine canal, and shall examine said canal, and make a report, in writmake report to ing, to the Secretary of War, that, in their opinion, the plan on which the canal is to be executed, will answer, as far as circumstances will permit, as a part of the chain of canals contemplated along the Atlantic Coast, and that in their opinion, the sum hereby authorized to be subscribed for will be sufficient to finish the canal according to said \$150,000 appro- plan: And it is further provided, That to carry this act act into effect, the sum of one hundred and fifty thousand dolinto effect, the sum of one hundred and fifty thousand dollars is hereby appropriated, to be paid out of any money

in the treasury not otherwise appropriated. SEC. 4. And be it further enacted, That the money subsub-Money scribed on behalf of the United States shall be actually to be actually expended in the completion of the canal, and not in the ly in completion payment of any debt or debts now owing by the comscribed on behalf pany; and it shall be the duty of the Secretary of the

Treasury, before the payment of any part of the money subscribed on behalf of the United States, to adopt such measures as shall insure the application of the same to the completion of the said canal, according to the plan proposed, and to no other purpose whatsoever.

Approved, May 18, 1826.

CHAP. 73.—An Act For authorizing the building of lighthouses May 18, 1826. and light vessels, erecting beacon lights, placing buoys, removing Vol. 4, p. 170. obstructions in the river Savannah, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

SEC. 2. And be it further enacted, That the following sums of money be, and the same are hereby, appropriated. to wit:

In the state of Georgia, fifty thousand dollars, to be ap-Savannah River. plied under the direction of the President of the United States, to remove obstructions in the river Savannah, below the city of Savannah; \* \* \*

SEC. 6. And be it further enacted, That the several appropriations herein made, shall be paid out of any money in the Treasury not otherwise appropriated.

Approved, May 18, 1826.

CHAP. 78.—An Act Forimproving certain harbours, and the navigation of certain rivers and creeks, and for authorizing surveys to be Wol. 4, p. 175. made of certain bays, sounds, and rivers, therein mentioned.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, to be applied under the direction of the President of the United States, to accomplish the purposes hereinafter mentioned, to wit:

In the state of Maine, one thousand two hundred dollars, Steels Ledge, for building a pier, on Steels' Ledge, near the harbour of Me.

Belfast.

In the state of Massachusetts, three thousand five hun-Provincetown dred dollars, for the preservation of the point of land forming Provincetown harbour.

In the state of New York, fifteen thousand dollars, for Buffalo Creek, building a pier, and repairing the old one, at the mouth of

Buffaloe Creek;

And three thousand dollars for cleaning out and deepen-Sacketts Haring the harbour of Sackett's Harbour.

Piers at Newcastle, Del.

In the state of Delaware, twenty-two thousand dollars for building piers, at proper sites, in the river Delaware, at New Castle, and three thousand dollars for repairing the old piers at the same place, and deepening the water around them.

Grand River (Fairport Harbor), Ohio.

In the state of Ohio, five thousand six hundred and twenty dollars, to remove obstructions at the mouth of Grand River:

Ashtabula Creek, Ohio.

<sup>a</sup> Twelve thousand dollars for the same purpose, at the mouth of Ashtabula Creek;

Cunningham Creek, Ohio.

Two thousand dollars for the same purpose, at the mouth of Cumningham Creek;

Huron River,

And five thousand dollars for the same purpose, in Huron River:

Survey of Sandusky Bay, Ohio.

And four hundred dollars for making a survey of Sandusky Bay, to ascertain the expediency and expense of constructing piers, to improve the navigation thereof, and of placing buoys therein.

Survey of Piscataqua River,

In the state of Maine, two hundred dollars for making a survey to ascertain the practicability and utility of removing obstructions to navigation in Pisquataqua river, and the expense of effecting the same.

In the state of Massachusetts, five hundred dollars for

making surveys of the following places, to wit:

Edgartown, Mass.

The flat on the northwest side of the harbour of Edgartown, to ascertain the practicability of building a lighthouse thereon, and the utility of the same to navigation, and of preventing the said harbour from being filled up with sand.

Mouth of Merrimac River. Hyannis, Mass.

The bar at the mouth of Merrimack river, and the practicability of deepening the channel over the same, and the harbour of Hyannis, in the Vineyard Sound, to ascertain what improvements can be made in the same for the safe anchorage of vessels, and the expense of effecting, severally, these objects.

Survey of Saugatuck River and Harbor, Conn.

In the state of Connecticut, four hundred dollars for making a survey of Saugatuck river and harbour, and to ascertain the expediency and expense of removing the obstructions to the navigation thereof, and of facilitating the commercial intercourse between the port of Saugatuck and the city of New York.

Survey of Oswego Bay and Harbor, N. Y. 1827, c. 46. Post, p. 37.

In the state of New York, two hundred dollars for making a survey of Oswego bay and harbour, for ascertaining the expediency and expense of constructing piers, to improve the navigation thereof.

Survey of piers at Chester, Pa.

In the state of Pennsylvania, one hundred dollars, to defray the expense of a survey of the public piers at Chester, in the river Delaware, in order to determine the expediency of accepting the cession thereof made by the state of Pennsylvania, and the expense of repairing the same.

Surveys of the Swash in Pamlico Sound, N. C.

In the state of North Carolina, one thousand dollars for making a survey of the Swash, in Pamtico [Pamlico] Sound, near Ocracock Inlet, for the purpose of ascertaining whether the channel through the same can be deepened;

And also one of Cape Fear River, below the town of Cape Fear River, below Wil-Walmington, [Wilmington,] for the same purpose, mington, N.C.

And also for a survey of Roanoke Inlet and sound, with and sound N.C. the view of ascertaining the practicability of making a permanent ship channel between Albemarle Sound and the Atlantic Ocean, at Roanoke Inlet, or elsewhere, and a statement of the costs of effecting, severally, these objects.

In the state of Alabama, a sum not exceeding ten thou-

sand dollars, for the purpose of removing the obstructions Ala.

and deepening the harbour of Mobile.

In the territory of Michigan, two hundred dollars for La Plaisance making a survey of La Plaisance bay, to ascertain the ex- 1827, c. 46. pediency of improving the navigation thereof, and the expense of effecting the same.

Sec. 2. And be it further enacted, That the several sums Tobepaid from herein appropriated be, and the same are hereby, directed to be paid out of any money in the Treasury not otherwise

appropriated.

Approved, May 20, 1826.

CHAP. 29.—An Act Making appropriations for the military service Mar. 2, 1827. of the United States, for the year one thousand eight hundred and Vol. 4, p. 214. twenty-seven.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Sums respectively appropriate following sums be, and the same are hereby, respectively appropriated for military tively appropriated for the military service of the United service, 1827. States, for the year one thousand eight hundred and twenty-seven, to wit:

For completing the works and deepening the channel of works, etc., entrance into the harbour of Presque Isle, to cover the ex-Presque Isle pense of work done and to be done, which has not been Erie) Harbor, and the control of the channel of work done and to be done, which has not been Erie) Harbor, and the channel of works and deepening the channel of works, etc., contemplated by any appropriation heretofore made, two thousand dollars.

For defraying the expenses incidental to making exami-and surveys. nations and surveys, authorized by act of thirtieth of April, 1824, c. 46. one thousand eight hundred and twenty-four, thirty thousand dollars.

SEC. 2. And be it further enacted, That the following Reappropriasums, being balances of appropriations heretofore made, and transferred to the surplus fund, be, and the same are hereby, reappropriated to the several objects hereinafter mentioned, to wit:

For improving the navigation of the Ohio and Mississippi Navigation of Ohio and Mississippi Ohio and O rivers, forty-four thousand nine hundred and eleven dollars sippi rivers. fifty-nine cents.

SEC. 3. And be it further enacted. That the several sums hereby appropriated shall be paid out of any money in the treasury not otherwise appropriated:

Approved, March 2, 1827.

CHAP. 43.—An Act Authorizing the completion and repair of cer-Mar. 2, 1827. Vol. 4, p. 227. tain roads in the Territory of Florida, and for other purposes.

Be it enacted by the Senate and House of Representatives President to of the United States of America, in Congress assembled, That cause to be open on the President of the United States be, and he is hereby, from Georgia line authorized to cause to be opened and repaired, in the terby St. Augustine. ritory of Florida, a public road, known by the name of the King's road, from the Georgia line, by Saint Augustine, to New Smyrna.

Troops of Sec. 2. And be it further enacted, That the President be, Florida to assist and he is hereby, authorized to employ the troops of the in opening and United States, stationed in Florida, in such manner as he repairing same. may think proper, in opening and repairing said road; and for defraying the expenses thereof, the sum of eleven thou-

sand dollars is hereby appropriated.

\$5,000 addition-

SEC. 3. And be it further enacted, That the additional sum al appropriated for completion of five thousand dollars be, and the same is hereby, approfor completion of five thousand dollars be, and the Salate is also to military road from Pensacola priated for the completion of the United States' military to St. Augustine road from Pensacola to St. Augustine, by the construction of bridge across tion of a bridge across the St. Sebastian's river, near St. San Sebastian Augustine;

And that the further sum of six thousand dollars be, and the same is hereby, appropriated, for the purpose of completing the road from Colerain, in Georgia, to Tampa Bay, in the territory of Florida;

And the appropriations aforesaid shall be paid out of any

money in the treasury not otherwise appropriated.

Communica-Indian rivers. 1824, c. 22.

SEC. 4. And be it further enacted, That if any part of the Mosquito Lagoon above appropriations shall remain unexpended, it shall be or Halifax and appropriated to opening the communication between Mosappropriated to opening the communication between Moscheto [Mosquito Lagoon] or Halifax and Indian rivers, in the line of communication to Cape Florida, described in the report of the engineer, appointed in pursuance of an act of Congress, of the twenty-eighth day of February, one thousand eight hundred and twenty-four, authorizing the survey of a military road from St. Augustine to Cape Florida.

Approved, March 2, 1827.

CHAP. 46.—An Act To authorize the improving of certain har-Mar. 2, 1827. Vol. 4, p. 228. bours, the building of piers, and for other purposes.

> Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respec

tively appropriated, to be applied under the direction of the President of the United States, to accomplish the objects hereinafter mentioned: that is to say:

For improving Hyannis harbour, in the State of Massa- Improving chusetts, a sum not exceeding ten thousand six hundred Hyannis Harbor.

and fifty dollars.

For building two piers at the mouth of Oswego harbour Building two in the State of New York, thirty-three thousand three Oswego Harbor. hundred and forty-eight dollars and sixty-four cents; no 1826, c. 78. part of which last-mentioned sum shall be expended until a contract shall have been made for completing said piers, agreeably to the plan proposed in a report made under the act of the twentieth of May last:

And for erecting a pier by contract, at the mouth of Pier at mouth of Dunkirk Har-

Dunkirk harbour, in the State of New York, three thousand bor.

For improving Cleaveland harbour, in the State of Ohio, Cleveland Harten thousand dollars.

For improving the harbour at the mouth of Pascagoula Harbor at Pascariver, in the state of Mississippi, and for removing the goula River. obstructions to the navigation of said river, eight thousand

dollars.

For removing obstructions to the navigation of Saugatuck Navigation of river, and protecting Saugatuck Harbour, by a suitable bor and River, work, to prevent the washing of the sand from Cedar etc. Point, into said harbour, a sum not exceeding fifteen hundred dollars.

For completing a pier at the entrance of La Plaisance Completing bay, in the territory of Michigan, agreeably to the planand of La Plaisance estimate made under the act of the twentieth of May last, Bay. 1826, c. 78. three thousand nine hundred and seventy-seven dollars and

eighty-one cents.

For making a survey and examination to ascertain the Improvement expediency and expense of constructing piers to improve Churchs Cove. the harbour of Churches Cove[a], in the town of Little Compton, in the state of Rhode Island, two hundred dollars.

For making a survey and examination to ascertain the Erecting pier, in Stonington expediency and expense of erecting a pier in Stonington Harbor.

harbour, in the state of Connecticut, two hundred dollars.

For defraying the expense of an examination of the public piers at Port Penn, Marcus Hook, and Fort Mifflin, in the public piers at river Delaware, in the states of Pennsylvania and Delaware, cushook, and in order to determine the expediency and expense of repair. Fort Mifflin. ing and improving the same, one hundred dollars.

For a survey of the Colbert Shoals, in the Tennessee river, Survey of Colors at the parties of the obstructions, the practical bert shoals. to ascertain the nature of the obstructions, the practicability, the manner, and the expense of removing them, two

hundred dollars.

For removing the obstructions to the navigation of the Removing obto Kennebec river, in the state of Maine, at Lovejoy's Narrows, navigation of four thousand dollars; no part of which sum shall be expended until a contract shall have been made for removing

a This cove has sometimes been called "Fishing Place Cove;" it is known also as "Sakonnet Point Harbor."

said obstructions, agreeably to the plan proposed by the engineer employed to make a survey of said narrows.

Erection of piers, etc., at and near Saco.

For the erection of piers, placing beacons or buoys, and removing obstructions at, and near, the entrance into the harbour of Saco in the state of Maine, a sum not exceeding seven thousand dollars.

To be paid from Treasury

SEC. 2. And be it further enacted, That the several sums hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1827.

Mar. 2, 1827. Vol. 4, p. 229.

CHAP. 47.—An Act To authorize the building of light houses and beacons, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \*\*\*

Secretary of Sec. 2. And be it further enacted, That the Secretary of cept from State the Treasury be, and he is hereby authorized to accept, of Pennsylvania from the state of Pennsylvania, the cession, to the United States, of the public piers, and the causeway leading thereto, which were built by said State, at Chester, in the Delaware river, and directed to cause said piers and causeway to be repaired by contract.

Sec. 4. And beit further enacted, That the following sums be, and the same are hereby, appropriated to accomplish the objects specified in this act, that is to say:

Public piers, etc., Chester.

For repairing the public piers and causeway at Chester, five thousand three hundred and eighty-three dollars and forty cents.

Sec. 5. And be it further enacted, That the sums hereby appropriated shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1827.

Mar. 2, 1827.
Vol. 4, p. 234.
CHAP. 51.—An Act To grant a quantity of land to the State of Illinois, for the purpose of aiding in opening a canal to connect the waters of Illinois River with those of Lake Michigan.

Be it enacted by the Senate and House of Representatives Certain quan-of the United States of America in Congress assembled, That allowedforopen there be, and hereby is, granted to the State of Illinois River with those canal to unite the waters of the Illinois River with those of Lake Michigan (Illinois and of Lake Michigan, a quantity of land equal to one-half of Michigan Ca-five sections in width, on each side of said canal, and reserving each alternate section to the United States, to be selected by the commissioner of the land office, under the

direction of the President of the United States, from one end of the said canal to the other; and the said lands shall be subject to the disposal of the legislature of the said State, for the purpose aforesaid, and no other: Provided. That the said canal, when completed, shall be and forever remain, a public highway for the use of the Government of the United States, free from any toll, or other charge, whatever, for any property of the United States, or persons in their service, passing through the same: Provided. That said canal shall be commenced within five years, and completed in twenty years, or the State shall be bound to pay to the United States the amount of any lands previously sold, and that the title to purchasers under the State shall be valid.

SEC. 2. And be it further enacted, That, so soon as the Dutyofgovern-route of the said canal shall be located and agreed on by canal is located, the said State, it shall be the duty of the governor thereof, etc. or such other person or persons as may have been, or shall hereafter be, authorized to superintend the construction of said canal, to examine and ascertain the particular sections to which the said State will be entitled, under the provisions of this act, and report the same to the Secretary of the Treasury of the United States.

Sec. 3. And be it further enacted. That the said State. under the authority of the legislature thereof, after the Powergiven to selection shall have been so made, shall have power to sell legislature. and convey the whole, or any part of the said land, and to give a title in fee simple therefor, to whomsoever shall purchase the whole, or any part thereof.

Approved, March 2, 1827.

1827.1

CHAP. 56.—An Act To grant a certain quantity of land to the State of Indiana, for the purpose of aiding said State in opening a canal to connect the waters of the Wabash river with those of Lake Erie.

Mar. 2, 1827. Vol. 4, p. 236.

Be it enacted by the Senate and House of Representatives Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Certain quanthere be, and hereby is, granted to the state of Indi-ed to State for ana, for the purpose of aiding the said state in opening a opening canal to unite at navigable points the waters of the Wabash ble points waters river with those of Lake Erie, a quantity of land equal to with Lake Erie one half of five sections in width, on each side of said (Wabash and canal, and reserving each alternate section to the United 1834, c. 137; 1841, C. 12; 1845, c. 42. States, to be selected by the commissioner of the land office, under the direction of the President of the United States, from one end thereof to the other; and the said land shall be subject to the disposal of the legislature of said state, for the purpose aforesaid, and no other; Provided, That the said canal, when completed, shall be, and forever remain, a public highway for the use of the government of the United States, free from any toll, or other charge,

Proviso.

whatever, for any property of the United States, or persons in their service passing through the same: Provided, That said canal shall be commenced within five years, and completed in twenty years, or the state shall be bound to pay to the United States the amount of any lands previously sold, and that the title to purchasers under the state shall

Duty of gov- SEC. 2. And be it further enacted, That, so soon as the ernor of state, when canal is route of the said canal shall be located and agreed on by the located, etc. said state, it shall be the duty of the governor thereof, or such other person or persons as may have been, or shall hereafter be, authorized to superintend the construction of said canal, to examine and ascertain the particular lands to which the said state will be entitled under the provisions of this act, and report the same to the Secretary of the Treasury of the United States.

Power given to legislature to

SEC. 3. And be it further enacted, That the said state, under the authority of the legislature thereof, after the selection shall have been so made, shall have power to sell and convey the whole, or any part of the said land, and to give a title, in fee simple, therefor, to whomsoever shall purchase the whole or any part thereof.

Approved, March 2, 1827.

Mar. 3, 1827. Vol. 4, p. 241. CHAP. 92.—An Act For improving the navigation of the Ohio River.

be removed.

Be it enacted by the Senate and House of Representatives Snags, etc., to of the United States of America, in Congress assembled, That all snags, sawyers, stumps, logs, and obstructions of every description, which tend to endanger the steamboat navigation of the Ohio river, at any navigable stages of the water, and which present themselves, and are to be found on the banks and sides of the river, shall be removed so that the navigation of said river, may be rendered at all times safe: and the same shall be done under the supervision and direction of the Secretary of War, and through the aid of some practical agent acquainted with the situation of the river, its respective bars, islands, and danderous [dangerous] places and parts; and he shall likewise cause the channel of said river, at a part usually called the Grand Chain, near its mouth, so to be deepened by a proper channel formed, that at the usual state of the water, steamboats may be enabled safely to pass and re-pass the same.

\$30,000 appropriated.

SEC. 2. And be it further enacted, That, for carrying this act into effect, the sum of thirty thousand dollars be, and the same is hereby, appropriated, out of any money in the treasury not otherwise appropriated.

Approved, March 3, 1827.

CHAP. 15.—An Act To revive and continue in force "An Act declaring the assent of Congress to a certain Act of Maryland."

Mar. 10, 1828. Vol. 4, p. 254.

Be it enacted by the Senate and House of Representatives Act Mar. 17, of the United States of America, in Congress assembled, That tive to levying the act passed the seventeenth day of March, in the year formage duties at one thousand eight hundred, entitled "An Act declaring more, continued the assent of Congress to certain acts of the states of Mary-Mar. 3, 1838. land and Georgia," and which, by subsequent acts, has been revived and continued in force, until the third day of March, the thousand eight hundred and twenty-eight, be. and the same so far as relates to the act of Maryland, hereby is revived and continued in force, until the third day of March, one thousand eight hundred and thirty-eight: Provided, That nothing herein contained, shall authorize the demand of a duty on tonnage on vessels propelled by steam. 1861, c. 11. employed in the transportation of passengers.

Approved, March 10, 1828.

CHAP. 18.—An Act Making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-eight.

Mar. 19, 1828. Vol. 4, p. 256.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives$ of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated; to wit: for fortifications, to each specifically, as follows:

For preservation of Islands in Boston harbour, two Preservation of Islands in Boston thousand dollars. Harbor.

SEC. 2. And be it further enacted, That the several sums, Treasury, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 19, 1828.

CHAP. 56.—An Act Making appropriations for the improvement of certain harbours, the completion of the Cumberland road to Zanesville, the securing the lighthouse on the Brandywine shoal, and the making of surveys.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit:

To complete the removal of obstructions at the mouth of Removal of obstructions, Grand Grand river, in the state of Ohio, nine thousand one hun-River (Fairport Harbor). dred and thirty-five dollars and eleven cents.

To complete the removal of obstructions at the mouth of Removal of obstructions, Hu-Huron river, in the state of Ohio, four thousand four hun-ron River. dred and thirteen dollars and thirty-five cents.

Piers at Dun-To complete the erection of piers, at the mouth of Dunkirk Harbor. kirk harbour, in the state of New York, six thousand dollars.

Two piers at To complete the building of two piers. To complete the building of two piers at mouth of Oswego Oswego harbour, in the State of New York, authorized by two piers at the two piers. <sup>2</sup>, an act of Congress, approved the twentieth [second] of 1827, c. 46. March last, entitled "An act to authorize the improving of certain harbours, the building of piers, and for other purposes." nine thousand five hundred and eighty-three dollars and thirty-nine cents.

Deepening For deepening the channel of entrance, into the harbour trance into har of Presque Isle, six thousand two hundred and twenty-bor of Presque three dollars and eighteen cents.

Isle (Erie). For deepening the channel of entrance, into the harbour

For completing the removal of obstructions at the mouth Removal of obstructions in Ash-Ashtabula Creek, Ohio, two thousand four hundred and tabula Creek, Ashtabula Creek, Ohio, two thousand four hundred and three dollars and fifty cents.

For completing the removal of obstructions at the mouth Removal of obstructions of Cunningham Creek, Ohio, one thousand five hundred structions

Creek, Ohio. and seventeen dollars and seventy-six cents.

For removing obstructions to the navigation of Kenne-Removing obstructions in her river, at Lovejoy's Narrows, by removing the half tide and other rocks, in addition to the appropriation of last session, three thousand five hundred dollars.

Defraying expenses incidental to making examinations and surveys, under the act of thirtieth April, one examinations, thousand eight hundred and twenty-four, thirty thousand etc., under act dollars: Provided, That this appropriation shall not be construed into a Legislative sensition of strued into a Legislative sanction of any examination or survey which shall not be deemed of national importance, and within the provisions of the aforesaid act of the thirtieth April, one thousand eight hundred and twenty-four.

To complete a pier adjacent to a pier at Buffalo, in the pier at Buffalo, State of New York, thirty-four thousand two hundred and To complete a pier adjacent to a pier at Buffalo, in the six dollars.

Paid out of any SEC. 2. And be it further enacted, That the several sums, money in Treashereby appropriated, shall be paid out of any money in the urv. Treasury not otherwise appropriated.

Approved, May 19, 1828.

May 23, 1828. CHAP. 73.—An Act To authorize the improving of certain har-Vol. 4, p. 288. bours, the building of piers, and for other purposes.

> Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively appropriated, to be applied under the direction of the President of the United States, to accomplish the objects hereinafter mentioned; that is to say:

For removing the sand bar at or near the mouth of Removingsand Merimack river in the state of Massachusetts, by erecting mouth of Merripiers, or other works, thirty-two thousand one hundred mac River, Mass.

For the preservation of Deer island, in Boston Harbour, Preservation of Deer Island. in the state of Massachusetts, eighty-seven thousand dollars.

Towards erecting piers, or other works, at or near Ston-Stonington harbour, in the state of Connecticut, for the purpose bor, Conn. of making the same a good and secure harbour, twenty thousand dollars.

For repairing the public piers at Port Penn, Marcus at Port Penn, etc. Hook, and fort Mifflin, four thousand four hundred and

thirteen dollars.

For purchasing a dredging machine, to be worked by Forpurchasing machine, to be worked by Gredging machine, steam, and employing the same for the removal of the chine, etc. shoals forming obstructions to the navigation near Ocracock Inlet, in the state of North Carolina, twenty thousand

Towards removing the sand par at or near one more than the state of Ohio, by the erection of piers, Obstructions in Apalachicola River. or other works, seven thousand five hundred dollars.

For removing obstructions in the Apalachicola river, in the territory of Florida, three thousand dollars.

For improving the navigation of Red river, through, or Improving around, that part of it called the Raft, situated in Louisi-Red River.

ana and Arkansas, twenty-five thousand dollars, three thousand dollars in addition to a former appropriation for clearing out and deepening the harbor of Sackett's Sacketts Har-

Harbour.

For making a survey of the harbour of Nantucket, and Survey of harthe passage leading to it, and an estimate of the cost of tucket, etc. improving and making the harbour a good and secure one. three hundred dollars.

For making a survey of Genessee river and harbour, in Survey, Genethe state of New York, and estimates of the cost for improv-see River (Charbor).

ing the same, three hundred dollars.

For surveying the mouth of Sandy creek, which dis- Surveying charges itself into Mexico bay, on Lake Ontario, in the Creek. state of New York, for the purpose of constructing a harbour at that place, and ascertaining the cost of the same,

three hundred dollars.

For making a survey and examination of the southern southern shore of shore of Lake Ontario, in the state of New York, between Lake Ontario. Genessee and Oswego rivers, with a view to the improvement of the most accessible and commodious harbours on the frontier, by erecting piers, or other works, and estimates of the costs of the same, four hundred dollars.

For deepening the channel through the pass an Heron, Deepening Heron, near the Bay of Mobile, eighteen thousand dollars.

For deepening the channel at the mouth of Pascagoula Pascagoula river, seventeen thousand five hundred dollars, in addition River. to the sum before appropriated for that object.

For surveying the obstructions to the navigation of the Obstructions to navigation. Wabash river, between its mouth and Eel river, five hunhash River. dred dollars.

Mississippi and Towards improving the navigation of the Mississippi and Ohio rivers.

Ohio rivers, the sum of fifty thousand dollars.

Removing obstructions in the Berw Berwick Branch. Piscataqua river, eight thousand dollars. For removing obstructions in the Berwick branch of the

Deepening For deepening the inland passage, or present channel, for channel, St. Marys Harbor, navigation between the St. John's river in Florida, and St. Mary's harbour, in Georgia, the sum of thirteen thousand five hundred dollars.

Survey of river For a survey of the river and harbour of St. Marks, in St. Marks, Fla. Florida, with a view to the practicability and expense of deepening the same, the sum of five hundred dollars.

Approved, May 23, 1828.

CHAP. 75.—An Act To grant certain relinquished and unappropri-May 23, 1828. ated lands to the State of Alabama, for the purpose of improving the Vol. 4, p. 290. navigation of the Tennessee, Coosa, Cahawba, and Black Warrior rivers.

Be it enacted by the Senate and House of Representatives 400,000 acres of relinquished lands in certain of the United States of America, in Congress assembled, That counties in Ala-four hundred thousand acres, of the relinquished lands in bana granted to state to be ap the counties of Madison, Morgan, Limestone. Lawrence, plied to naviga-Franklin, and Lauderdale, in the State of Alabama, be, 1832, c. 301; 1833, and the same is [are] hereby, granted to said state, to be applied to the improvement of the navigation of the Muscle Shoals, and Colbert's Shoals, in the Tennessee river, and such other parts of said river within said State as the legislature thereof may direct: But if there shall not be four hundred thousand acres of relinquished unappropriated land in said counties, the deficiency to be made up out of any unappropriated lands in the county of Jackson, in said State.

Price at which land is to be sold.

SEC. 2. And be it further enacted, That said state of Alabama, shall have power to sell, dispose of and grant said land, for the purposes aforesaid, at a price not less than the minimum price of the public lands of the United States, at the time of such sale.

Sec. 3. And be it further enacted. That the said state of Improvements. 1830, c. 79. Alabama shall commence said improvements within two years after the passage of this act, and complete the same within ten years thereafter.

Grant of all SEC. 4. And be it further enacted, That if said state of lands to become Alabama shall apply the lands hereby granted, or the protifapplied to any ceeds of the sales, or any part thereof, to any other use or other object who transported by the lands hereby granted. object whatsoever, than as directed by this act, before said whatever. improvements shall have been completed, the said grant for all lands then unsold shall thereby become null and void; and the said state of Alabama shall become liable and bound to pay to the United States the amount for which said land, or any part thereof, may have been sold, deduct

ing the expenses incurred in selling the same.

SEC. 5. And be it further enacted, That the improvements of navigation of said navigation shall be commenced at the lowest point shall be comof obstruction in said river, within said state, continued up menced, etc. the same until completed, and be calculated for the use of steamboats, according to such plan of construction as the United States' engineers, appointed to survey and report thereon, may recommend, and the President of the United States approve: Provided, That such plan shall embrace, if Proviso. practicable, a connexion [sic] of the navigation of Elk river. with the said improvements.

SEC. 6. And be it further enacted, That after the comple-surplus of grant to be applied, etc. tion of said improvements, the surplus of said grant, if any, shall be applied to the improvement of the navigation of the Coosa, Cahawba, and Black Warrior rivers, in said

state, under the direction of the Legislature thereof.

SEC. And be it further enacted, That the said rivers, Rivers, when when improved as aforesaid, shall remain forever free from ever free from toll for all property belonging to the government of the toll for all property belonging to United States, and for all persons in their service, and for United States, all the citizens of the United States, unless a toll shall be etc. allowed by act of Congress.

Approved, May 23, 1828.

CHAP. 76.—An Act Making an appropriation for the erection of a May 23, 1828. Vol. 4, p. 290. breakwater near the mouth of Delaware bay.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Delaware the President of the United States cause to be made near the mouth of Delaware bay, a breakwater.

SEC. 2. And be it further enacted, That the sum of two \$250,000 approhundred and fifty thousand dollars be, and it hereby is, priated. appropriated, towards the accomplishment of that object, and that the same be paid out of any money in the Treasury

not otherwise appropriated. Approved, May 23, 1828.

CHAP. 86.—An Act Authorizing a subscription to the stock of the Chesapeake and Ohio Canal Company.

May 24, 1828. Vol. 4, p. 293.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Secretary of the Secretary of the Treasury be, and he is hereby, author-scribe for 10,000 ized and directed to subscribe, in the name and for the use shares of capital of the United States, for ten thousand shares of the capital peake and Ohio ctock of the Chesapoeke and Ohio Canal Company, and to Canal Co. stock of the Chesapeake and Ohio Canal Company, and to pay for the same, at such times, and in such proportions, as shall be required of and paid by the stockholders, generally, by the rules and regulations of the company, out of the

Proviso.

Proviso

dividends which may accrue to the United States upon their bank stock in the bank of the United States: Provided. That not more than one-fifth part of the sum, so subscribed for the use of the United States, shall be demanded, in any one year, after the organization of the said company: nor shall any greater sum be paid on the shares so subscribed for. than shall be proportioned to assessments made on individual or corporate stock-holders: And provided, moreover, That, for the supply of water to such other canals as the state of Marvland, or Virginia, or the Congress of the United States, may authorize to be constructed, in connection with the Chesapeake and Ohio Canal, the section of the said canal leading from the head of the Little Falls of the Potomac river, to the proposed basin, next above Georgetown, in the District of Columbia, shall have the elevation. above the tide of the river at the head of the said falls. and shall preserve, throughout the whole section aforesaid. a breadth, at the surface of the water, of not less than sixty feet, and a depth, below the same, of not less than five feet.

Secretary of Sec. 2. And be it further enacted, That the said book for president, tary of the Treasury shall vote for the president and directed, of company, ors of the said company, according to such number of number of shares shares as the United States may at any time hold in the probabed. stock, thereof, and shall receive, upon the said stock, the proportion of the tolls which shall, from time to time. be due to the United States for the shares aforesaid; and shall have and enjoy, in behalf of the United States, every other right of a stockholder in the said company.

Approved, May 24, 1828.

with a suitable breadth at bottom.

May 24, 1828. Vol. 4, p. 308.

CHAP. 110.—An Act Declaring the assent of Congress to an Act of the State of Alabama.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Assent of Con- the assent of Congress be, and hereby is, granted to the gressgiven to act the assent of Congress be, and hereby is, granted to the of Alabama, Jan. operation of an act of the general assembly of the state of 10,1827.

Alabama, passed on the general assembly of the state of Alabama, passed on the tenth day of January, one thousand eight hundred and twenty-seven, entitled "An act to incorporate the Cahawba Navigation Company."

Approved. May 24, 1828.

Mar. 2, 1829. CHAP. 25.—An Act Making appropriations for building lighthouses and beacons, and placing buoys, and for improving harhours Vol. 4, p. 345. and directing surveys.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \* Sums of money SEC. 2. And be it further enacted, That the sums of money disposition of appropriated by this section be, and the same are hereby, directed to be paid out of any money in the treasury not otherwise appropriated, and placed at the disposition of the 1829.1

President of the United States, for the following specified purposes or objects, to wit:

State of Maine: Five thousand dollars for repairing the Kennebunk River, etc., Me. pier on the eastern side of the channel at the entrance of

Kennebunk river: and

Three hundred dollars for surveying the ship channel of Penobscot Penobscot river, from Whitehead to Bangor, and ascertaining the cost of improving the navigation of the same, and

proper sites for spindles and buovs.

State of New Hampshire: Sixty dollars for making a sur-Piscataqua vey of Cochecho branch of Piscataqua river, from Dover River, etc., N.H. falls to its confluence with the Piscataqua, for the purpose of ascertaining the practicability of removing obstructions to navigation and the cost.

State of Massachusetts: One hundred and eighty dollars North River, for surveying North river, between Scituate and Marshfield. etc., Mass.

to ascertain the expediency of removing obstructions at the mouth of the same, and to make an estimate of the cost.

One hundred and fifty dollars for examining the piers Sandy erected at Sandy bay, to report the condition of the same, bor), Mass. and what works are necessary to make a good and safe harbour, at that place, together with an estimate of the cost.

Thirty thousand dollars for removing the barat the mouth Nantucket,

of the harbour of Nantucket.

Two thousand five hundred dollars for extending the pier Edgartown on which the light house is built, at the entrance of Edgar-Harbor, Mass. town harbour, to the shore; and

One hundred and fifty dollars to survey the harbour at \_Bass River, Bass river, between Yarmouth and Dennis, to ascertain the

practicability and expense of improving the said harbour.

State of Connecticut: Six thousand and ninety-seven dol-Mill River lars for improving the navigation of Mill river by removing bor), Conn. obstructions in the said river, and constructing such works as will prevent the sand from filling up the channel of the same.

One hundred and fifty dollars for making a survey of the Thames River, river Thames, with a view to improve the navigation of the Conn.

same, and the cost of such improvements.

One hundred and thirty dollars for making a survey of the Westbrook harbour of Westbrook, near the mouth of Connecticut river, Harbor, Conn. with a view to the improvement of the said harbour, and for ascertaining the cost of such improvement.

Eighty dollars for making a survey of the harbour of Norwalk Har-

Norwalk, with a view to its improvement.

One hundred dollars for making a survey of the harbour Stamford Harof Stamford, with a view to its improvement.

State of New York: One hundred and fifty dollars for Sag Harbor, surveying the bar at the mouth of Sag Harbour, to ascertain the best method of preventing the harbour being filled up with sand, and the cost of the same.

Thirty thousand dollars for extending the pier of Black Black Rock, N.Y.

Rock harbour, at the outlet of Lake Erie, to a point opposite Bird's Island.

Sodus Bay, For removing obstructions at the entrance of the harbour at Big Sodus Bay, on Lake Ontario, twelve thousand five hundred dollars.

Genesee River (Charlotte Har river, in the state of New York, ten thousand dollars.

Flat Beach, State of New Jersey: One hundred dollars for surveying Flatbeach, alias Tucker's Island, situated between Old and New Inlet, with a view to preserve the anchorage of the port, and to report an estimate of the cost of such improvements as may be necessary to effect those objects.

Marcushook. State of Pennsylvania: Five thousand dollars for repairing the piers at Marcus Hook: for filling up the sluice between the said piers, and improving the harbour of Marcus Hook, by the removal of obstructions.

Deep Creek, State of Virginia: Eighty dollars for making a survey of Deep creek, or branch of the South branch of Elizabeth river, for the purpose of improving the navigation of the same, and an estimate of cost.

Pasquotank State of North Carolina: Eighty dollars for making a survey of Pascotank river, for removing bars, or obstructions in the same, and an estimate of the cost.

Ocracoke let, N.C.

Twenty-one thousand dollars, being an additional appropriation, for effecting the removal of the shoals forming obstructions to navigation near Ocracock Inlet; and

Cape Fear Twenty thousand dollars for improving the navigation of Cape Fear river, between the town of Wilmington and the mouth of the said river.

Conneaut Creek, Ohio. State of Ohio: Seven thousand five hundred dollars for improving the navigation of Conneaut creek, by removing the bar at the mouth of the same.

Teche Bayou, State of Louisiana: Two hundred dollars for making a survey of the entrance of the river Teche, with a view to improve and shorten the navigation of the same, and an estimate of the cost of such improvements.

Mississippi Five hundred dollars for making a survey at the passes, at the mouth of the Mississippi, with a view to improvements in the navigation, and building lighthouses and buoys.

Mobile bor, Ala. State of Alabama: Twenty thousand dollars, the sum required for completing improvements in the harbour of Mobile.

St. Augustine
Harbor, Fla.

Territory of Florida: Three hundred dollars for making a survey of the harbour of St. Augustine, and the bar at or near the entrance of the same, with a view to remove the latter, and to render the access to the harbour safe at all times, and to make an estimate of the cost of accomplishing that object; and

St. Marks Harbor, Fla. Six thousand five hundred dollars for improving the harbour of St. Mark's, by removing obstructions in the same.

Approved, March 2, 1829.

CHAP. 26.—An Act Making additional appropriations for the military service in the United States, for the year one thousand eight hundred and twenty-nine.

Mar. 2, 1829. Vol. 4, p. 348.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

The following sums, transferred to the surplus fund, on Transfers to the thirty-first of December, one thousand eight hundred appropriated. and twenty-eight, are hereby re appropriated:

For the preservation of the point of land forming Provincetown harbour, appropriated by act of twentieth of 1826 c. 78.

May, one thousand eight hundred and twenty-six, three

thousand five hundred dollars.

For removing obstructions in the harbour of Mobile. appropriated by act of twentieth of May, one thousand eight hundred and twenty-six, two thousand eight hundred and seventy-one dollars and twenty-two cents.

For piers at Newcastle, appropriated by act of the twentieth of May, one thousand eight hundred and twentysix, seventeen thousand eight hundred and ninety-five

dollars and ninety-nine cents.

Mobile Harbor 1826, c. 78,

Newcastle. 1826, c. 78.

SEC. 3. And be it further enacted, That the several sums, Appropriations to be paid out of hereby appropriated, shall be paid out of any money in Treasury. the treasury not otherwise appropriated.

Approved, March 2, 1829.

CHAP. 27.—An Act Authorizing the subscription of stock in the Chesapeake and Delaware Canal Company, and in the Dismal Swamp Canal Company.

Mar. 2, 1829. Vol. 4, p. 350.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That secretary of the Secretary of the Treasury be, and he is hereby, author-Treasury to subscribe for 750 ized and directed to subscribe, in the name and for the use shares of Chesaof the United States, for seven hundred and fifty shares ware Canal. of the capital stock of the Chesapeake and Delaware Canal Company; and, also, for two hundred shares of the capital Secretary of stock in the Dismal Swamp Canal Company, and pay for Treasury to subthe same, at such times, and in such proportions, as may shares of Dismal be required by the said companies respectively; to be Swamp Canal. paid out of any money in the Treasury not otherwise appropriated.

appropriated.

SEC. 2. And be it further enacted, That the Secretary of Treasury to vote the Treasury shall vote for president and directors of for president and directors, and directors, and rethe said companies respectively, according to such number ceive dividends. of shares, and shall receive upon the said stock the proportion of the tolls which shall, from time to time, be due to the United States for the shares expended.

Approved, March 2, 1829.

H. Doc. 425, 58–3——4

Mar. 2. 1829. Vol. 4, p. 351.

CHAP. 29.—An Act Making appropriations for completing certain roads, and for making examinations and surveys.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby appropriated, to wit:

Surveys, etc., under act Apr. 30, 1824, c. 46.

For defraying the expenses incidental to making examinations and surveys under the act of thirtieth of April. one thousand eight hundred and twenty-four, thirty thousand dollars.

Sec. 2.—And be it further enacted, That the several sums, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1829.

Mar. 2, 182». Vol. 4, p. 353.

CHAP. 33.—An Act To authorize a subscription for stock on the part of the United States, in the Louisville and Portland Canal Company.

Be it enacted by the Senate and House of Representatives Forfeited stock of the United States of America, in Congress assembled, That in Louisville and Canal the Secretary of the Treasury be, and he hereby is, authorto be purchased ized and directed to subscribe for or purchase, in the name and for the use of the United States, any stock which may have been forfeited to the company, and which shall be undisposed of on the fourth day of March next, not exceeding thirteen hundred and fifty shares of the Capital Stock of the Louisville and Portland Canal Company; and to pay for the same, when called upon by said Company, out of any money in the Treasury not otherwise appropriated: Provided, Said shares can be had for a sum not exceeding one hundred dollars each.

Secretary Treasury to vote,

Sec. 2. And be it further enacted, That the said Secretary of the Treasury shall vote for president and directors of said company, according to such number of shares, and shall receive upon the said stock, the proportion of the tolls which shall, from time to time, be due to the United States for the stock aforesaid.

Approved, March 2, 1829.

Mar. 2, 1829. Vol. 4, p. 356

CHAP. 37.—An Act Making additional appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-nine.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, in addition to the several sums appropriated by the act of the twenty-fourth of May, one thousand eight hundred and twenty-eight, for certain fortifications of the United States, for the first quarter of the year one thousand eight hundred and twenty-nine, to wit: for fortifications, to each specifically, as follows:

For completion of the sea wall for the preservation of Boston Harbor. George's Island, in Boston harbour, seven thousand three hundred and ten dollars and fifty-four cents.

SEC. 2. And be it further enacted, That the several sums. hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1829.

CHAP. 52.—An Act Making additional appropriations for com- Mar. 3, 1829. pleting and repairing piers, for the improvement of certain harbours, Vol. 4, p. 363. and of the navigation of certain rivers.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit:

For repairing the damages sustained by the piers under Piers at Oswego construction at the mouth of Oswego river, from a severe gale in October last, seven thousand four hundred and

seventy-two dollars.

For closing the breach made in the peninsula at Presque Bay (Erie Har-Isle Bay, Pennsylvania, seven thousand three hundred and bor). ninety dollars and twenty-five cents.

For completing the erection of piers at the mouth of Dunkirk Har-Dunkirk harbour, in the State of New York, nine thousand eight hundred and twelve dollars and seventy-five

For completing the removal of obstructions at the mouth Creek. of Ashtubula Creek, Ohio, six thousand nine hundred and forty dollars and twenty-five cents.

For completing the removal of obstructions at the mouth Cunningham of Cunningham Creek, Ohio, two thousand nine hundred

and fifty-six dollars.

For improving Cleveland harbour, Ohio, twelve thou- cleveland Harsand one hundred and seventy-nine dollars.

For completing the removal of obstructions at the mouth Hurch River. of Huron river, Ohio, five thousand nine hundred and thirty-five dollars.

For completing a pier at La Plaisance bay, Michigan La territory, two thousand three hundred and eighteen dol-Bay.

For continuing to improve the navigation of the Ohio ohio and Mississippi rivers.

and Mississippi rivers, fifty thousand dollars.

For removing obstructions in the Savannah river, below Reappropriation of balance the city of Savannah, in Georgia, being a balance of aption of balance propriations carried to the surplus fund on the thirty-first of River carried to the surplus fund. December, one thousand eight hundred and twenty-eight, twenty-four thousand four hundred and ninety dollars.

Sec. 2. And be it further enacted, That the several sums, hereby appropriated, shall be paid out of any money in the Treasury not otherwise appropriated.

Approved, March 3, 1829.

Apr. 23, 1830. Vol. 4, p. 394. CHAP. 72.—An Act Making additional appropriations for the mprovement of certain harbours, and for removing obstructions at the mouths of certain rivers, for the year one thousand eight hundred and thirty.

Be it enacted by the Senate and House of Representatives
Appropriations of the United States of America, in Congress assembled, That
for continuance
of certain works the following sums of money be, and the same are hereby,
appropriated for carrying on and completing certain works
heretofore commenced, to be paid out of any money in the
treasury, not otherwise appropriated, viz:

For removing obstructions at the mouth of Huron river, Ohio, one thousand eight hundred and eighty dollars and

thirty-six cents.

. 11.

Grand (Fairport her).

For completing the removal of obstructions at the mouth of Grand River, Ohio, five thousand five hundred and sixty-three dollars and eighteen cents.

Cleveland Harbor. For completing the improvements of Cleaveland harbour, Ohio, one thousand seven hundred and eighty-six dollars and fifty-six cents.

Black River For removing sand-bar at or near the mouth of Black river, Ohio, eight thousand five hundred and fifty-nine dollars and seventy-seven cents.

Conneaut Creek. For improving the navigation of Conneaut creek, Ohio, six thousand one hundred and thirty five dollars and sixty-five cents.

Dunkirk Har- For completing piers at the mouth of Dunkirk harbour,
New York, one thousand three hundred and forty-two dollars and seventy-five cents.

Buffalo Harbor. For completing piers at Buffalo harbour, New York, fifteen thousand four hundred and eighty-eight dollars.

N.Y. Black Rock, For extending the pier at Black Rock, three thousand one hundred and ninety-eight dollars.

Genesee River For improving the navigation of Genesee river, New bor). York, thirteen thousand three hundred and thirty-five dollars.

Bay. For removing obstructions at the mouth of Big Sodus bay, New York, fifteen thousand two hundred and eighty dollars.

River. For completing the removal of the sand-bar at or near the mouth of Merrimack river, Massachusetts, three thousand five hundred and six dollars and seventy-two-cents.

For the preservation of Plymouth beach, Massachusetts, one thousand eight hundred and fifty dollars.

For erecting piers or other works at or near Stonington harbour, Connecticut, sixteen thousand four hundred and ninety-one dollars and sixty-seven cents.

For deepening an inland passage between St. John's and Passage between St. Mary's rivers, fifteen hundred dollars.

For improving the navigation of the Mississippi and Mississippi and Onio Rivers.

Ohio rivers, fifty thousand dollars.

For removing obstructions to the navigation of the Ken-River.

nebec river, at Lovejoy's narrows, Maine, five thousand dollars.

For improving the harbours of New Castle, Marcus Harbors of Hook, Chester, and Port Penn, in the Delaware river, ten

thousand dollars.

For improving the Cape Fear river, below Wilmington, River. North Carolina, twenty-five thousand six hundred and eighty-eight dollars.

For completing the removal of obstructions in the Appa-Apalachicola

lachicola river, in Florida, two thousand dollars.

For completing the removal of obstructions in the river St. Marks and harbour of St. Marks in Florida, ten thousand dollars.

For completing the breakwater at Hyannis harbour, in Breakwater at Massachusetts, six thousand five hundred and seventeen

Massachusetts, six thousand five hundred and seventeen dollars and eighty-two cents.

For carrying on the works of the Delaware breakwater, Breakwater, for the year one thousand eight hundred and thirty, one hundred thousand dollars; and for carrying on the same works during the first quarter of one thousand eight hundred and thirty-one, sixty-two thousand dollars.

Approved, April 23, 1830.

CHAP. 79.—An Act To extend the time for commencing the improvement of the navigation of the Tennessee River.

Apr. 24, 1830. Vol 4, p. 397.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That mencing, etc., the time for commencing the improvement of the navigation extended to Dec. of the Tennessee river, under an act of Congress "to grant certain relinquished and unappropriated lands to the state of Alabama, for the purpose of improving the navigation of the Tennessee, Cahawba, and Black Warrior rivers," approved the twenty-third day of May, one thousand eight Act May 23, hundred and twenty-eight, be, and the same is hereby, extended to the first day of December next.

Approved, April 24, 1830.

**CHAP. 84.**—An Act For the re-appropriation of certain unexpended balances of former appropriations.

Apr. 30, 1830. Vol. 4, p. 397.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the of the following sums, being unexpended balances of former carried to surappropriations for sundry objects of the service of the War Department, \* \* \* which remained in the Treasury on the last day of the year one thousand eight hundred and twenty-nine, and are now subject to the provisions of

the law directing such balances to be carried to the account of the surplus fund, be, and the same are hereby re-appropriated to to the several objects, respectively, of their original appropriation.

Saugatuck River, Conn. For the removing obstructions in the Saugatuck river. twenty-eight dollars.

For the building of piers at the entrance of La Plai-Plaisance La Bav. sance bay, eighty-nine dollars and eleven cents.

Approved, April 30, 1830.

CHAP. 232.—An Act Making appropriations for examinations and May 31, 1830. surveys, and also, for certain works of internal improvement. Vol. 4, p. 427.

> Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, viz:

Examinations and surveys.

For defraying the expenses incidental to making examinations and surveys for national works, under the act of Apr. 30, 1824, thirtieth April, one thousand eight hundred and twentyfour, including five thousand one hundred and four dollars and twenty-seven cents, for arrearages on account of surveys and office rent, in the years one thousand eight hundred and twenty-six, one thousand eight hundred and twenty-seven, and one thousand eight hundred and twentyeight, thirty thousand dollars.

Canal between

**\$**30,000.

of Mexico.

For completing the survey and estimate of a canal to conwaters of At lantic and Gulf nect the waters of the Atlantic with the Gulf of Mexico, ten thousand four hundred dollars. And it shall be the duty of the Secretary of War to cause a detailed report to be made out, showing the practicability or impracticability of making a ship or other canal, and the reasons for either, with an estimate of the probable expense and advantages of such canal as may be considered practicable.

Approved, May 31, 1830.

Feb. 12, 1831. Vol. 4, p. 441.

CHAP. 23.—An Act To amend the Act granting "certain relinquished and unappropriated lands to the State of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahawba, and Blackwarrior rivers," approved the twenty-third day of May, one thousand eight hundred and twenty-eight.

Be it enacted by the Senate and House of Representatives State of Ala of the United States of America, in Congress assembled, That to contract, etc. it shall and may be lawful for the state of Alabama, by the Act May 23, board of canal commissioners appointed by her for that purpose, to contract for and construct that part of the canal round the Muscle shoals, beginning at Campbell's ferry.

and running up the river to Lamb's ferry, before they contract for, or complete that part of the said contemplated canal between Campbell's ferry and Florence; any thing in the act to which this is an amendment to the contrary

notwithstanding.

SEC. 2. And be it further enacted, That it shall be the United States duty of the engineers of the United States who have this nish plan. matter in charge, to furnish to said board of commissioners. as soon as practicable, a plan of that section of the canal above contemplated first to be executed, connecting it with the river at or near to Campbell's ferry, and at the most eligible point at, or immediately below Lamb's ferry, on the cheapest practicable plan, in conformity with said original act, to be approved by the President of the United States.

SEC. 3. And be it further enacted, That the section of said canal above Lamb's ferry, shall, by said engineers, be so planned as to connect it with the deep water in the river at or above Lamb's ferry; and the section below Campbell's ferry, shall, in like manner, be connected with the

deep water at or below said last-mentioned ferry.

Approved, February 12, 1831.

CHAP. 38.—An Act Making appropriations for certain fortifications during the year one thousand eight hundred and thirty-one.

Mar. 2, 1831. Vol. 4, p. 450.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury. for certain fortifications, viz:

For the preservation of George's Island, Boston harbour, Georges Island.

five thousand dollars.

Approved, March 2, 1831.

CHAP. 56.—An Act Making additional appropriations for the improvement of certain harbours, and removing obstructions in the mouths of certain rivers.

Mar. 2, 1831. Vol. 4, p. 459.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, for carrying on and completing certain works heretofore commenced, to be paid out of any money in the Treasury not otherwise appropriated, viz:

For removing obstructions at the mouth of Huron river, Ohio, three thousand four hundred and eighty dollars.

For removing sand bar at or near the mouth of Black (Lorain Harbor). river. Ohio, nine thousand two hundred and seventy-five dollars.

Huron River.

Oswego.

Cleveland Harbor. For completing the improvement of Cleaveland harbour, Ohio, three thousand six hundred and seventy dollars.

Grand River For completing the removal of obstructions at the mouth (Fairport Har of Grand river, Ohio, five thousand six hundred and eighty dollars.

Ashtabula For completing the removal of obstructions at the mouth of Ashtabula creek, Ohio, seven thousand and fifteen dollars.

Conneaut creek, Ohio, six thousand three hundred and seventy dollars.

Presque Isle For completing the improvement of the harbour of Presque isle, Pennsylvania, one thousand seven hundred dollars.

Genesee River For improving the navigation of Genesee river, New bor). York, sixteen thousand six hundred and seventy dollars.

Great sodus For removing obstructions at the mouth of Big Sodus bay, New York, seventeen thousand four hundred and fifty dollars.

Oswego. For completing piers at Oswego, New York, two thousand eight hundred and twelve dollars and ninety-two

For claim of contractors for losses by storms in eighteen hundred and twenty-nine, five hundred and nineteen dollars.

For balance due contractors for said piers, eighty-four dollars and ninety-two cents.

For securing the works of Oswego harbour, New York, by a stone pier-head and mole, eighteen thousand six hun-

dred dollars.

For completing the pier at the mouth of Buffalo harbour, New York, twelve thousand nine hundred dollars.

Dunkirk. For securing and completing the works at the harbour of Dunkirk, New York, six thousand four hundred dollars.

Provincetown. For further protection and preservation of the beach of Provincetown, Massachusetts, two thousand and fifty dollars.

Merrimac For the repair and completion of the breakwater at the mouth of Merrimack river, Massachusetts, sixteen thousand dollars.

Kennebunk For completing repairs to piers at the entrance of Kennebunk river, Maine, one thousand one hundred and seventy-five dollars.

For completing the sea wall for the preservation of Deer island, Boston harbour, Massachusetts, twelve thousand three hundred and ninety dollars.

For repairing Plymouth beach, Massachusetts, two thousand eight hundred and twenty dollars.

Hyannis break- For completing the breakwater at Hyannis harbour, Massachusetts, eight thousand four hundred dollars.

For removing the bar at the mouth of Nantucket harbour, Massachusetts, eight thousand two hundred and sixty-five dollars.

Newcastle, etc. . For improving the harbours of New Castle, Marcus

Hook, Chester, and Port Penn, in the Delaware river, four thousand dollars.

For improving Cape Fear river, below Wilmington, Cap North Carolina, twenty-five thousand seven hundred and five dollars.

For carrying on the works for the improvements of Ocracoke Inlet. Ocracock inlet, in North Carolina, seventeen thousand dollars.

For completing the removal of obstructions in the river st. Marks. and harbour of St. Mark's, Florida, [sic] seven thousand four hundred and thirty dollars.

For completing the removal of obstructions in the Appa-Applachicola

lachicola river. Florida, eight thousand dollars.

For arrearage due Major Birch for survey of the raft of Red River. Red River, Louisiana, one hundred and eighty-seven dollars and fifty cents.

Black Rock. For arrearage due the superintendent of the works at Black Rock harbour, New York, one thousand eight hundred dollars.

For arrearage due for materials delivered to the works Dunkirk. at Dunkirk harbour, New York, seven hundred and two dollars, fifty cents.

For carrying on the work of the Delaware breakwater, Delaware two hundred and eight thousand dollars.

Approved, March 2, 1831.

CHAP. 58.—An Act Making appropriations for carrying on certain Mar. 2,1831. roads and works of internal improvement, and for providing for sur- Vol. 4, p. 462.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated to the several objects respectively herein named, to be applied during the year one thousand eight hundred and thirty-one, the same to be paid out of any money in the Treasury not otherwise appropriated, viz:

For defraying the expenses incidental to making examinations and surveys under the act of the thirtieth day of April, one thousand eight hundred and twenty-four, twenty- 1824, c. 46. five thousand dollars.

Surveys, etc.

For improving the navigation of the Ohio and Missis-Navigation of sippi rivers, to be expended under the existing laws, fifty sippi rivers. thousand dollars.

That the sum of one hundred and fifty thousand dollars be, and the same is hereby appropriated to the improvement of the navigation of the Ohio and Mississippi rivers from Pittsburg to New Orleans, in removing the obstructions in the channels at the shoal places and ripples, and by such other means as may be deemed best for the deepening of

To be expended the channels of the Ohio River, which said sum shall be exunder direction of President pended under the direction of the President of the United pended under the direction of the President of the United States, by the superintendent appointed to execute said works of improvement; and the President is hereby authorized and required to take bond with approved security in fifty thousand dollars conditioned for the faithful performance of the duties required of him under such instructions as may be given him for the improvement of the navigation of said rivers, and that an officer of engineers be associated with said superintendent, with authority to suspend the operation of any work, or payment of any account, until the order of the President is received.

Approved, March 2, 1831.

Feb. :4, 1832. Vol. 4, p. 497.

CHAP. 27.—An Act Making appropriations for fortifications for the year one thousand eight hundred and thirty-two.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and they are hereby, appropriated, for fortifications for the year one thousand eight hundred and thirty-two, viz:

Georges Island (Boston Harbor.)

For the preservation of George's Island, nine thousand dollars.

Approved, February 24, 1832.

July 3, 1832. Vol. 4, p. 551.

CHAP. 153.—An Act Making appropriations for certain internal improvements for the year one thousand eight hundred and thirty-two.

Be it enacted by the Senate and House of Representatives Appropriations. of the United States of America, in Congress assembled, That the following sums be appropriated for the purpose of making the improvements hereinafter enumerated, viz:

Kennebec River, Me.

For removing obstructions to the navigation of Kennebeck river, at Lovejov's Narrows, Maine, including a balance of former appropriations, of two thousand five hundred and seventy-nine dollars and sixty-eight hundredths, carried to the surplus fund, two thousand six hundred dollars.

Plymouth beach, Mass. For repairing Plymouth Beach, Massachusetts, two thou-

sand five hundred dollars.

For further protection and preservation of the Beach at Provincetown, Provincetown, Massachusetts, four thousand six hundred Mass.

Pass au Heron,

For deeping the channel through the Pass au Heron, Alabama, being the balance of the appropriation of one thou-1828, c. 73. sand eight hundred and twenty-eight, carried to the surplus fund, first January, one thousand eight hundred and thirtyone, six thousand and fifty dollars.

For deepening the channel at Pascagoula river, being the Pascagoula balance of the appropriation of one thousand eight hundred and twenty-five, carried to the surplus fund the first of January, one thousand eight hundred and thirty, fifteen thousand nine hundred dollars.

For improving the navigation of the Red river, Louis- Red River, La. iana, and Arkansas, being the balance of the appropriation of one thousand eight hundred and twenty-eight, carried to the surplus fund, two thousand six hundred and twenty-eight dollars, and the further sum of twenty thou-

sand dollars.

For carrying on the work of the Delaware breakwater, Breakwater, two hundred and seventy thousand dollars.

For the completion of the improvement of the harbour St. Marks River, and river Saint Marks, in Florida, as recommended by the chief engineer, four thousand five hundred dollars.

For completing repairs to piers at the entrance of Kenne-Kennebunk

bunk river, Maine, one thousand seven hundred dollars.

For removing obstructions in the Berwick branch of the Piscataqua Piscatagua river, two hundred and fifty dollars.

For completing the sea-wall for the preservation of Deer Deer Island,

Island, Boston harbour, sixty thousand dollars.

For completing the breakwater at Hyannis harbour, Mas-Breakwater at Hyannis harbour, Mas-Breakwater at Hyannis harbour, sachusetts, seven thousand six hundred dollars.

For removing the bar at the mouth of Nantucket harbour, Nantucket,

six thousand dollars.

For completing the breakwater and dyke, and deepening Mill River the channel, in the harbor of Mill river, in Connecticut, bor). four thousand four hundred and ninety dollars and fortythree cents.

For completing the pier and mole at Oswego, New York, Oswego, N. Y.

nineteen thousand dollars.

For removing obstructions at the mouth of Big Sodus bay, Great Sodus New York, seventeen thousand dollars.

thousand dollars.

For improving the entrance of Genesee river, sixteen Genesee River (Charlotte Harbor), N. Y.
For completing the pier at the mouth of Buffalo harbour, bor, N. Y.
Buffalo Harbor, N. Y. ten thousand three hundred dollars.

For the work at Black Rock harbour, New York, five Black Rock,

thousand one hundred dollars.

For securing and completing the work at Dunkirk har- Dunkirk, N. Y. bour, New York, ten thousand two hundred dollars.

For completing the improvement of the harbor at Presque Presque Isle Harbor.

Isle, Pennsylvania, four thousand five hundred dollars.

For improving the harbours of New Castle, Marcus Hook, New Castle, Marc Newcastle, etc., Chester, and Port Penn, on the Delaware, ten thousand dollars.

For carrying on the work for the improvement of Ocra-let, N. C. coke inlet, North Carolina, twenty-two thousand dollars.

For improving Cape Fear river, below Wilmington, North Cape Fear Carolina, twenty-eight thousand dollars.

For improving the navigation of the Ohio, Missouri, and Ohio, Missouri, and Mississippi Mississippi rivers, fifty thousand dollars. rivers.

And the President of the United States is hereby author-President authorized to improve steamboat ized to extend the improvement of the steamboat navigation navigation from Pittsburg to the Cumberland road, at Brownsville, Brownsville, and upon such plan as he may approve, under the provisions of to extend provisions of act of the act of May twenty-four, eighteen hundred and twentyvisions of act of the act of linely twenty-four, eighteen hundred and twenty-may 24, 1824, c. 1839, to embrace four:
139, to embrace of And that the President of the United States be, and he Missoiri and Mississippi riv-is hereby, authorized to extend the provisions of the act of

twenty-fourth May, one thousand eight hundred and twentyfour, entitled "An act to improve the navigation of the Ohio and Mississippi rivers," so as to embrace in its operations the river Missouri, from its junction with the Mississippi to the mouth of the Kansas river:

And, also, the Upper Mississippi river from St. Louis, in Missouri, to Galena, in Illinois, with power to remove all obstructions in the channel of said river between those

points:

And that the provisions of the act, approved twentyfourth May, one thousand eight hundred and twenty-four, entitled "An act to improve the navigation of the Ohio and Mississippi rivers," be extended so as to include, in its operation, the improvement of the Mississippi from New Orleans to the Gulf of Mexico, and the deepening of the bar at the mouth of the Mississippi.

Arkansas River.

For improving the navigation of the Arkansas river, fifteen thousand dollars; Provided. The engineer department, after due examination, is satisfied that, during a portion of the ensuing year, the men and machine now employed in removing obstructions in the Ohio and Mississippi rivers, can be more usefully employed in removing those of the Arkansas river: Provided, That the compensation of the superintendent of the Ohio and Mississippi

Proviso.

Proviso.

Compensation rivers, shall be the sum of three thousand dollars per ent not to ex-annum, in full for all his services; and he shall not hereceed \$3,000. after be allowed anything in the shape of commissions in his disbursements.

ConneautCreek, Ohio.

For improving the mouth of Conneaut creek, Ohio, seven

thousand eight hundred dollars.

Ashtabula Creek, Ohio. For completing the removal of obstructions at the mouth of Ashtabula creek, Ohio, three thousand eight hundred dollars.

Cunningham For a pier head at Cunningham creek, Ohio, one thousand Creek, Ohio. five hundred dollars.

Grand River (Fairport Har-For completing the removal of obstructions at the mouth of Grand river, Ohio, two thousand six hundred dollars. bor), Ohio.

Cleveland Har-For completing the improvement of Cleveland harbour, bor, Ohio. Ohio, six thousand six hundred dollars.

For removing a sand bar at the mouth of Black river, Black River (Clorain Harbor), Ohio, eight thousand dollars.

For removing obstructions at the mouth of Huron river, Huron River, Ohio. Ohio, one thousand five hundred dollars.

La Plai Bay, Mich. Plaisance For piers at La Plaisance bay, Michigan, eight thousand dollars.

For the improvement of the navigation of the Cumber-River, Tenn. land river, thirty thousand dollars, to be expended under

the direction of the War Department.

For the removal of the obstructions to the navigation of er, Ga. Savannah Rivthe Savannah river, between the mouth thereof and the city of Savannah, the sum of twenty-five thousand dollars, including the balance of the former appropriation to the same object, to be expended according to a plan and an estimate of the Department of War.

For defraying the expenses incidental to making exami-Surveys. nations and surveys under the act of thirtieth April, one 1824, c. 46. thousand eight hundred and twenty-four, thirty thousand

dollars.

Approved, July 3, 1832.

CHAP. 164.—An Act To authorize the surveying and laying out a road from Detroit to the mouth of Grand River of Lake Michigan, in the Michigan Territory, and for the survey of canal routes in the Territory of Florida.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

Sec. 4. And be it further enacted, That the President of survey to as the United States be, and he is hereby, authorized to cause be certain practication between the waters of St. Andrew's bay and the river and between the waters of St. Andrew's bay and the river and between the waters of St. Andrew's bay and the river and between the waters of St. Andrew's bay and the river and between the waters of St. Andrew's bay and the river and between the waters of St. Andrew's bay and the river and between the waters of Chattahoochie, and between Pensacola bay and Bon bama. Secour, along the northern coast of the Gulf of Mexico, with a view to ascertain the practicability and cost of canals to connect said bays and rivers, with notes, plans, observations, and opinions, of the engineers on each of said parts designated, with estimates of the cost of each; and, for the Estimates to be purpose of carrying into effect the foregoing provisions, the made. sum of three thousand dollars be, and the same is hereby, \$3,000 approappropriated, to be paid out of any money in the treasury priated.

Approved, July 4, 1832.

CHAP. 301.—An Act Supplemental to the Act "granting certain relinquished and unappropriated lands to the State of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahaba, and Black Warrior rivers," approved the twenty-third day of May, one thousand eight hundred and twenty-eight.

July 16, 1832. Vol. 4, p. 604.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That it shall and may be lawful for the State of Alabama to State of Alalter the plan for the improvement on the Tennessee to alter plan of river below Florence, by canalling instead of sluicing, so improvement. as to accomplish the object which Congress had in view in 1829, c. 76.

Province

making the appropriation: Provided, That not more than one hundred and fifty thousand dollars, including the sum already expended on that part of the river, shall be expended below the said town of Florence.

Approved, July 16, 1832.

Mar. 2, 1833. Vol. 4, p. 619.

CHAP. 54.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year one thousand eight hundred and thirty-three.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled. That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, viz:

Reappropria-tions, Savannah Harbor,

For removing obstructions in the Savannah river, being part of the balance of an appropriation carried to the surplus fund, forty-three dollars six cents.

Approved, March 2, 1833.

Mar. 2, 1833. CHAP. 64.—An Act For improving the navigation of certain rivers Vol. 4, p. 645. in the Territories of Florida and Michigan, and for surveys, and for other purposes.

Be it enacted by the Senate and House of Representatives Appropriations of the United States of America, in Congress assembled, That, of rivers in Flor- for the purpose of removing obstructions, and improving ida and Michi- the navigation of certain rivers in the territories of Florida and Michigan, the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury; to be expended under the direction of the President of the United States.

Escambia River. For removing obstructions in, and improving the navigation of, the Escambia river, five thousand dollars.

Ockloc kon e e For improving the navigation of Ochlochney river, five River. thousand dollars.

Choctaw-For improving the navigation of the Choctawhachie hatchee River. river, as recommended by the Postmaster General, for the transportation of the mail from Pensacola to Tallahassee, five thousand dollars.

Chicago Harbor. For improving the harbour at Chicago on lake Michigan, twenty-five thousand dollars.

Survey of White For a survey of White and Saint Francis rivers, in the and St. Francis territory of Arkansas, five hundred dollars.

Approved, March 2, 1833.

CHAP. 66.—An Act Toimprove the navigation of the Potomac River Mar. 2, 1833. between Georgetown and Alexandria, and for other purposes.

Vol. 4, p. 646.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, to Appropriation order to aid the citizens of Georgetown in removing the Georgetown to obstruction to their navigation, by causing the cut already tion of Potomac, made through the bar, below the town, to be enlarged etc. and deepened; and for the further purpose of enabling them to make a free turnpike road to the district line on the Virginia side of the river, and to purchase of the present proprietors, and make forever free, the bridge over the Little Falls of Potomac river, the sum of one hundred and fifty thousand dollars be, and the same is hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated.

SEC. 2. And be it further enacted, That the said sum shall be paid, from time to time, by the Secretary of the Treasury, to the order of the corporation of Georgetown, in such sums as to enable the said corporation to effect the

purposes aforesaid.

SEC. 3. And be it further enacted. That before the said sum be paid over to the said corporation, it shall pass an ordinance to make said road and bridge free, and to be kept in repair by said corporation forever.

Approved, March 2, 1833.

How to be paid.

Condition.

CHAP. 69.—An Act Making appropriations for carrying on certain works heretofore commenced for the improvement of harbours and rivers, and, also, for continuing and repairing the Cumberland road. and certain territorial roads.

Mar. 2, 1833. Vol. 4, p. 648.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled. That Appropriations. the following sums of money be, and the same are hereby. appropriated for carrying on or completing certain works and roads heretofere commenced, to be paid out of any money in the treasury not otherwise appropriated.

For carrying on the Delaware breakwater, two hundred Delaware Break-

and seventy thousand dollars.

For removing a sand bar at the mouth of Black river, (Lorain Harbor). Ohio, two thousand four hundred dollars.

For a pier head at Cunningham creek, Ohio, five hundred Cunningham

dollars.

For completing the removal of obstructions at the mouth Creek. of Ashtabula creek, Ohio, three thousand four hundred

dollars. For completing the improvement of the harbour of Pres-Presque Isle (Erie) Harbor.

que Isle, Pennsylvania, six thousand dollars.

Buffalo For completing the pier at the mouth of Buffalo harbour, bor.

New York, thirty-one thousand seven hundred dollars. Genesee River For improving the entrance of Gennesee river, New Genesee River Harbor). York, fifteen thousand dollars.

For removing obstructions at the mouth of Big Sodus Great Ray. bay, New York, fifteen thousand dollars.

For completing the pier and mole at Oswego. New Oswego. York, eight thousand four hundred dollars.

Merrimac

For the completion of the breakwater at the mouth of River. the Merrimack river, four thousand nine hundred dollars.

For repairing Plymouth beach, six hundred dollars. Plymouth beach. Breakwater at For the breakwater at Hvannis. Massachusetts, five

Hyannis. thousand dollars.

For improving the harbours of New Castle, Marcus Newcastle. Marcushook, and Port Penn. Hook, Chester, and Port Penn, in the Delaware, four thousand dollars.

For carrying on the improvement of Ocracoke inlet. OcracokeInlet. North Carolina, sixteen thousand seven hundred dollars.

For improving Cape Fear river, below Wilmington, Cape Fear River. North Carolina, twenty-eight thousand dollars.

For improving the navigation of the Ohio. Missouri. Ohio, Missouri, and Mississippi and Mississippi rivers, fifty thousand dollars. rivers.

For completing the improvement of St. Mark's river St. MarksRiver. and harbour in Florida, in addition to the unexpended balance of former appropriations, one thousand five hundred dollars.

Channel be-For completing the improvement of the inland channel tween St. Marys between St. Mary's and St. John's, in Florida, nine thouand St. Johns. sand dollars.

Apalachicola For the completion of the removal of obstructions in Harbor the harbour and river Appilachicola, in Florida, according River to the report and estimate of the engineer, Lieutenant Long, eight thousand seven hundred dollars, including the unexpended appropriation of last year.

Examinations For defraying the expenses incidental to making examiand surveys. nations and surveys under the act of the thirtieth of April, 1824, c. 46. one thousand eight hundred and twenty-four, twenty-five thousand dollars.

Approved, March 2, 1833.

Mar. 2, 1833. CHAP. 90.—An Act Further to extend the powers of the board of Vol. 4, p. 663. canal commissioners for the improvement of the Tennessee river in the state of Alabama.

Be it enacted by the Senate and House of Representatives Commissioners of the United States of America, in Congress assembled, That pend improve the commissioners appointed by the state of Alabama to superintend the improvement of the Tennessee river, and see River. their successors in office, be, and they are hereby authorized to suspend the improvement of so much of said river as is below Florence, in said State, and every other part of the same, until the canal and other improvements, between Lamb's ferry and Campbell's ferry, shall have been completed; anything in the act entitled "An act to grant certain relinquished and unappropriated lands to the State of Alabama for the purpose of improving the navigation of the Tennessee, Coosa, Cahawba, and Black Warrior rivers," approved twenty-third of May, one thousand eight hundred and twenty-eight, to the contrary notwithstanding.

Approved, March 2, 1833.

Norton, and Hiram Wolverton.

Mar. 2, 1833. CHAP. 101.—An Act For the relief of Peter Bargy, junior, Stephen Vol. 6, p. 541.

1828, c. 75.

Be it enacted by the Senate, and House of Representatives of the United States of America, in Congress assembled, That labor, etc., in conthe Secretary of the Treasury pay, out of any money in structing a dam across Savannah the treasury not otherwise appropriated, to Peter Bargy, River below Savjunior, Stephen Norton, and Hiram Wolverton, the sum of eight thousand four hundred and thirty dollars and sixty-two cents, on account of the money and labor paid and bestowed by them in endeavoring to construct a dam across a part of the Savannah river, in the State of Georgia, under and by virtue of a contract made with a Commissioner of the United States to remove obstructions in the mouth of said river, according to the act of May Act May 18, 1826, c. 78. eighteenth, one thousand eight hundred and twenty-six.

Approved, March 2, 1833.

June 25, 1834. III. RESOLUTION giving the right of way through the property of the Vol. 4, p. 744. United States at Harper's Ferry, to the Winchester and Potomac Railroad Company.

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That of way and rethe President of the United States of America be, and he is striction of its hereby, authorized to convey to the Winchester and Potomac Railroad Company, free of charge, the right of way through the property held by the United States at Harper's Ferry, (and at present not improved,) if, in his opinion, it should not be inconsistent with the public service; and, also, on the same terms, so much of the ground between the arsenal and the Shenandoah river, and near its junction with the Potomac, as may be deemed consistent with the public interest: to be used for the benefit of the said company in the deposit and accommodation of the trade of said Winchester and Potomac Railroad Company only, and for no other purpose whatever: Provided, nevertheless, That the said railroad shall be so located, in the judgment of two or more skillfull engineers of the army of the United States, who may be deputed by the President of the United States to

Proviso.

Grant of right

navigation of River, etc.

Not to impede make such location, as not to impede or injure, in any manimprovement of ner, the future improvement of the navigation of the river Shenandoah by a lock and dam navigation, or by extending a canal along the left bank thereof, to the river Potomac. or to the canal now constructed along the left bank of the

Approved. June 25, 1834.

said river.

June 27, 1834. Vol. 4, p. 689.

CHAP. 92.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year one thousand eight hundred and thirty-four.

Re it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, viz:

G. Trumbull. Stonington.

For payment of balance due Gurdon Trumbull, superintendent of the public works at Stonington harbour, two hundred and sixty-two dollars sixteen cents.

P. H. Perrault. St. Augustine.

For payment of Major P. H. Perrault, balance due on account of the survey of the harbour of St. Augustine, two dollars and eighty-four cents.

Approved, June 27, 1834.

June 28, 1834. Vol. 4, p. 702.

CHAP. 103.—An Act Making additional appropriations for certain harbours, and removing obstructions in the mouths of certain rivers, for the year one thousand eight hundred and thirty-four.

Be it enacted by the Senate and House of Representatives Appropriations of the United States of America, in Congress assembled, That for harbors and the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for carrying on and completing certain works heretofore commenced, viz:

Kennebunk For piers at the entrance of Kennebunk river, ten thou-River.

sand three hundred dollars.

Merrimac For the breakwater at the mouth of Merrimack river, River. three thousand eight hundred and sixty dollars.

Plymouth For the preservation of Plymouth beach, two thousand beach.

dollars. Beach at Prov-

For the preservation of the beach at Provincetown harincetown. bour, Massachusetts, four thousand four hundred dollars. Hyannis break-For the breakwater at Hyannis harbour, Massachusetts,

ten thousand dollars.

Newcastle For improving the harbours of Newcastle, Marcus Hook, Marcushook, and Chester, and Port Penn, in the Delaware river, six thousand Port Penn. one hundred and thirty-three dollars.

Ocracoke Inlet. For carrying on the improvements of Ocracok inlet, North Carolina, fifteen thousand dollars.

For improving Cape Fear River below Wilmington, Cape Fear North Carolina, five thousand two hundred and thirty-four dollars.

For improving the navigation of the Ohio, Missouri, and Mississippi and Mississippi rivers, fifty thousand dollars.

For completing the improvement of St. Mark's river St. Marks.

and harbour, Florida, four thousand six hundred dollars.

For improving the harbour of Chicago, Illinois, thirty-Chicago Hartwo thousand eight hundred and one dollars.

For the piers at La Plaisance bay, Michigan, four thou-La Plaisance

sand eight hundred and ninety-five dollars.

For improving the navigation of Red river, fifty thou- Red River.

sand dollars.

For carrying on the Delaware breakwater, two hundred Delaware Breakwater. and seventy thousand dollars.

For filling up and securing a breach in the south em-Presque Isle (Erie) Harbor. bankment at Presque Isle, Pennsylvania, three thousand and forty-five dollars.

For improving the harbour at Mobile, in removing the Mobile Harbar at the entrance of the harbour called Choctaw Pass.

ten thousand dollars.

For improving the navigation of the river Savannah, in Sav removing the obstructions in said river from the city of Savannah to its mouth, thirty thousand dollars.

For continuing and securing the works at Oswego har-Doswego Har-Doswego

bour, New York, thirty-thousand dollars.

For continuing the improvements at Big Sodus bay, Great Sodus New York, on the present plan, fifteen thousand dollars.

For completing the works at Gennessee River, New Genesee River (Charlotte Har-York, on the present plan, twenty thousand dollars.

For continuing the improvements of Black Rock har-Black Rock

bour, New York, twelve thousand dollars.

For completing the works at Buffalo, New York, twenty Buffalo. thousand dollars.

For continuing the improvements at Dunkirk harbour, Dunkirk.

New York, four thousand dollars.

For securing the works at Presque Isle, Pennsylvania, Presque Isle (Erie) Harbor.

twenty thousand dollars.

For completing and securing the works at Cleveland Cleveland Harharbour, Ohio, thirteen thousand three hundred and fif-bor. teen dollars.

For repairing and securing the works at Grand river, Grand River (Fairport Har-Ohio, ten thousand dollars.

For securing the works at Black river, Ohio, five thou- Black River

(Lorain Harbor). sand dollars.

For extending and securing the works at Huron river, Huron River. Ohio, six thousand seven hundred dollars.

For continuing the improvements at Ashtabula creek, Ashtabula

Ohio, five thousand dollars.

And for defraying the expense of surveys pursuant to surveys under the act of the thirtieth of April, eighteen hundred and 1824, etc., c. 46. twenty-four, including arrearages for eighteen hundred and thirty-three, twenty-nine thousand dollars, of which

sum five thousand dollars shall be appropriated and applied to geological and mineralogical survey and researches.

Be it enacted by the Senate and House of Representatives

For the continuation of the improvement of the naviga-Cumberland Divor tion of the Cumberland river, thirty thousand dollars, to be expended under the direction of the War Department. Approved, June 28, 1834.

CHAP. 137.—An Act Authorizing the selection of certain Wahash June 30, 1834. and Erie Canal lands in the State of Ohio. Vol. 4, p. 716.

Commissioners of the United States of America, in Congress assembled, That, to select lands, in lieu of the lands sold or otherwise disposed of by the United States, within the state of Ohio, and which would 1827, c. 56; 1841, otherwise become the property of the state of Indiana, in virtue of "An act to grant a certain quantity of land to the state of Indiana for the purpose of aiding said state in opening a canal to connect the waters of the Wabash river with those of Lake Erie," approved March second, eighteen hundred and twenty-seven, the canal commissioners authorized to locate the lands granted as aforesaid for the use of the canal within the state of Ohio, be, and they are hereby, authorized to select an equal quantity from the alternate sections which would otherwise belong to the United States in the division under said act, or from the lands recently acquired by the purchase from the Indians. or from other lands in the neighbourhood near the line of said canal as they shall think proper; and the lands thus

Former selec-1827, c. 56.

SEC. 2. And be it further enacted, That in case of selections, if sold, to tions of lands authorized by the previous section, and which commissioners. agreeably to treaty stipulations may hereafter be sold by

Act Mar. 2, the United States for the baneft of the Indians a sum the United States for the benefit of the Indians, a sum equal to the amount for which said lands may have been sold, shall be paid over, by the Treasurer of the United States, to the commissioners authorized to receive the

selected shall be vested and disposed of for the use of the canal as other lands appropriated by the act aforesaid.

same, for the use and benefit of said canal.

Lands reserved

Sec. 3. And be it further enacted, That until the lands from sale until granted by the aforesaid act of March second, eighteen hun-selections made. granted by the aforesaid act of March second, eighteen hundred and twenty-seven, shall be selected and the selections contemplated by this act shall be made, the public lands on and near the line of said canal, and liable to the selections aforesaid, shall be reserved from sale.

 Commissioners to be furnished maps,

Sec. 4. And be it further enacted, That it shall be the duty of the commissioner of the general land office to furnish said commissioners with a perfect map of the surveyed lands on and contiguous to the Maumee river, within the state of Ohio, including the lands recently purchased from the Indians, carefully noting thereon the lands which have been sold or otherwise disposed of by the United States.

Approved, June 30, 1834.

CHAP. 148.—An Act Authorizing a road to be cut out from the June 80,1834 northern boundary of the territory of Florida, by Marianna, to the Vol. 4, p. 723. town of Appalachicola, within the said territory.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, \* \* \*

For a survey of the east pass into Appalachicola bay Survey of East and river, to ascertain the practicability and cost of re-lachicola Bay. moving obstructions and improving the harbour, five hundred dollars.

Approved, June 30, 1834.

CHAP. 150.—An Act Making an appropriation for the improvement of the navigation of the Hudson River, in the State of New York.

June 30, 1834.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the sum of seventy thousand dollars be, and the same is hereby, appropriated towards the improvement of the for improvement navigation of the Hudson river, and the removal of obstructions therein, according to the plan submitted to the House of Representatives by the Department of War, under date of March thirty, eighteen hundred and thirtytwo; which sum shall be paid out of any money in the Treasury not otherwise appropriated, and shall be expended under the direction of the President of the United States.

Approved, June 30, 1834.

CHAP. 209.—An Act For the relief of John Bruce.

June 30, 1834. Vol. 6, p. 588.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury pay, out of any money in Payment for demages sustainthe treasury not otherwise appropriated, to John Bruce, ed under consix thousand two hundred and forty dollars and sixty-three tract to clear out only and Missis. cents, on the report of General Charles Gratiot, for dam-sippi rivers, etc. ages actually sustained by the said John Bruce, by the suspension of his contract to clear out the Ohio and Mississippi rivers, in payment made to his workmen, for their hire, and for damages, and for boarding them when out of employ, and for damages he sustained by the neglect on the part of the United States to furnish a sufficient number of superintendents to inspect the work to have been done.

Approved, June 30, 1834.

Raisin.

Proviso

Feb. 24, 1835. Vol. 4. p. 752.

CHAP. 21.—An Act For improving the harbour at the mouth of the River Raisin, in the Territory of Michigan.

Be it enacted by the Senate and House of Representatives Appropriations of the United States of America, in Congress assembled, That for new entrance the sum of thirty thousand dollars be, and the same is into harbor (of at hereby, appropriated out of any money in the treasury Monroe) at mouth of River not otherwise appropriated, for the construction of a new entrance into the harbour, at or near the mouth of the river Raisin, where it unites with lake Erie, according to a plan and survey of the said works, made under the direction of the War Department by Capt. H. Smith, during the fall of the year eighteen hundred and thirty-four: Provided, however. That no part of the sum hereby appropriated shall be expended for improving the channel of said river, but the expenditure hereby directed, shall be confined exclusively to the construction of a cut or passage from the lake to that part of the river which is to be used as a harbour for vessels.

Approved, February 24, 1835.

Feb. 24, 1835. Vol. 4, p. 752.

CHAP. 22.—An Act For the completion of certain improvements in Florida.

River.

Be it enacted by the Senate and House of Representatives For clearing of the United States of America, in Congress assembled, That for the purpose of executing certain internal improvements, hereinafter designated, in the territory of Florida, the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated:

For clearing out the Ochlawaha river from the St. John's to Glassall's Spring, near Camp King, for the transportation of provisions and military stores to the garrison at that place, as estimated in the report of the Quartermaster Gen-

eral, ten thousand dollars:

For improving

For continuing the improvement of the navigation of navigation of Chatahawchie river from Cedar Bluff to the Big Spring, in Florida, according to the report of the assistant quartermaster charged with the superintendence of the removal of obstructions, two thousand dollars.

Removing ob-structions in Chi-For removing obstructions in the Chipola river, in Florida, five thousand dollars. pola River.

Approved, February 24, 1835.

Mar. 3, 1835. Vol. 4, p. 753.

CHAP. 26.—An Act Making additional appropriations for the Delaware Breakwater, and for certain harbours, and removing obstructions in and at the mouths of certain rivers, for the year one thousand eight hundred and thirty-five.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury, not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

For improving the harbour of Chicago, in addition to the Chicago Har-

balance of former appropriations, thirty-two thousand eight

hundred dollars.

For securing the works at Black river, four thousand four Black River (Lorain Harindred dollars. hundred dollars.

For continuing the improvement at Ashtabula creek, in Ashtabula

addition to the balance of former appropriations, seven

thousand five hundred and ninety-one dollars.

For securing the works at Presqu' Isle in addition to the Presque Isle (Erie) Harbor. balance of former appropriations, five thousand dollars.

For completing the works at Genesee river, two thousand Genesee River ree hundred and ninety dollars.

Genesee River (Charlotte Harbor).

three hundred and ninety dollars.

For continuing the improvement of Big Sodus bay, eleven Great Sodus Bay.

thousand seven hundred and ninety dollars.

For the preservation of the beach at Provincetown har-Provincetown Harbor. bour, in addition to the balance of former appropriation, four thousand four hundred dollars.

For the preservation of Plymouth beach, seven hundred Plymouth

dollars.

For the breakwater at Hyannis harbour, in addition to Hyannis Har-

the balance of former appropriation, nine thousand dollars. For improving the harbours of New Castle, Marcus Harbors in the

Hook, Chester, and Port Penn, in the Delaware river, in Delaware. addition to the balance of former appropriation, six thousand dollars.

For improving the navigation of the Savannah River, in Savannah River. removing the obstructions in said river from the city of Savannah to its mouth, in addition to the balance of former appropriations, twenty thousand dollars.

For improving the navigation of the Ohio river below Ohio, Missouri, the falls, and the Missouri and Mississippi rivers, fifty and Mississippi rivers.

thousand dollars.

For the improvement of the navigation of the Ohio river, Ohio River, between Pittsburg and the falls of the Ohio, fifty thousand tween Pittsburg and the Falls. dollars, to be expended under the direction of the War 1836, c. 259. Department, and under the care of a superintendent for

that part of the Ohio. For the Delaware breakwater, one hundred thousand Delaware Breakwater. dollars, Provided, That only so much of this sum shall be Proviso.

applied as, in the opinion of the Secretary of War, may be advantageously expended in the present situation of the

said work.

For completing the improvement at the harbour of Mobile, in removing the bar at the entrance of the harbour, called the Choctaw Pass, in addition to the appropriation of ten thousand dollars, made at the last session, seventeen thousand nine hundred and ninety-seven dollars and sixty cents.

Mobile Harbor.

Red River.

For completing the removal of the obstructions to the navigation of Red river, in addition to the appropriation of fifty thousand dollars, made at the last session of Congress, the sum of fifty thousand dollars.

ArkansasRiver,

For improving the navigation of the Arkansas river, and for constructing a boat with an iron hull, forty thousand dollars.

Cape Fear River.

For completing the improvement in the navigation of the Cape Fear river, below the town of Wilmington, North Carolina, twenty thousand dollars.

Dredging machine, etc., for Florida.

For constructing a dredging machine, and for completing the inland channel between St. Mary's and St. John's, in the territory of Florida, according to the estimate of the engineer department, fifteen thousand dollars.

Dunkirk Harbor, N. Y.

For filling up with stone, three hundred and fifty-two yards of the outer pier or breakwater at Dunkirk harbour, New York, one thousand four hundred and eighteen dollars and twenty-seven cents.

Extending pier at said harbor.

For extending and completing the pier or breakwater in front of said harbour, nine thousand five hundred and

seventy dollars and sixteen cents.

Proviso.

Provided, That no officer of the army shall receive any per cent. or additional pay, extra allowance, or compensation, in any form whatever, on account of the disbursing any public money appropriated by law during the present session, for fortifications, execution of surveys, works of internal improvement, building of arsenals, purchase of public supplies of any description, or for any other service or duty whatsoever, unless authorized by law.

Approved, March 3, 1835.

Mar. 3, 1835. Vol. 4, p. 777.

**CHAP.** 41.—An Act Making appropriations for certain roads, and for examinations and surveys, for the year one thousand eight hundred and thirty-five.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for certain roads, and for making examinations and surveys, for the year one thousand eight hundred and thirty-five, viz:

Examinations and surveys. 1824, c. 46.

For defraying the expenses incidental to making examinations and surveys under the act of thirtieth of April, eighteen hundred and twenty-four, twenty-five thousand dollars.

Approved, March 3, 1835.

CHAP. 119.—An Act To amend an Act to grant certain relinquished and unappropriated lands to the State of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahaba and Black Warrior River.

June 23, 1836. Vol. 5, p. 57,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That act repealed. so much of the second section of the act above recited as Act May 23, restricts the State of Alabama from having the power to 1828, c. 75. sell, dispose of, or grant the residue of the lands granted by the act to which this is a supplement, at a price not less than the minimum price of the public lands, be, and the

same is hereby repealed.

SEC. 2. And be it further enacted, That the assent of the bama may im-United States is hereby given, to any act which the Legis-pose tolls on lature of the State of Alabama may pass for imposing a canals, etc. toll on the use of such parts of the canal or canals, which have been or may be, constructed at or around the Muscle and Colbert's shoals of the river Tennessee: Provided, That such tolls shall be expended exclusively on the said canals, and shall not exceed in amount, the sum required to keep them in repair, and to defray the expenses of lock tenders, collectors, superintendents, and managers; and that no part of this act, shall be construed as a repeal of the exemption. contained in the seventh section of the aforesaid act, of the property of the United States, and all persons in their service, from any toll whatever: And provided further, That an annual report shall be made to the Secretary of the Treasury of the United States, of the rate and amount of tolls charged or collected on said canals, and their application.

Proviso.

Proviso.

Approved, June 23, 1836.

CHAP. 138.—An Act For the relief of George Bender.

June 23, 1836. Vol. 6, p. 642.

Be it enacted by the Senate and House of Representatives the Secretary of War settle and adjust the claim of George major of engineers while Bender, late a major in the army of the United States, and superintending allow him the same pay and amplicant the same pay an of the United States of America, in Congress assembled, That allow him the same pay and emolument that a major of Delaware Breakengineers would have received, (if discharging the same water. duties,) for the time he was actually superintending the construction of the Delaware breakwater, under orders from the Quartermaster-General: and that the sum so found his due be paid out of any money in the treasury not otherwise appropriated.

Approved, June 23, 1836.

CHAP. 259.—An Act Making additional appropriations for the Delaware Breakwater, and for certain harbors, and removing obstructions in and at the mouths of certain rivers, and for other purposes, for the year one thousand eight hundred and thirty-six.

July 2, 1836. Vol. 5, p. 67.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives$ of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

Delaware breakwater, one hundred

thousand dollars.

Chicago, III. For continuing the improvement of the harbor of Chicago, Illinois, thirty-two thousand dollars.

Great Sodus For continuing the improvement of Big Sodus bay,

twelve thousand six hundred dollars.

Provincetown, For the continuation of the works for the preservation of the beach at Provincetown harbor, Massachusetts, four thousand four hundred dollars.

Plymouth For the continuation of the works for the preservation of Plymouth beach, Massachusetts, five hundred dollars.

Mouth of River Raisin (Monroe Harbor). For the continuation of the works at the harbor near the mouth of the river Raisin, Michigan Territory, fifteen thousand dollars.

Black River For continuing the removal of obstructions at Black (Lorain Harbor). river, Ohio, six thousand six hundred and sixty dollars.

Cleveland Har For continuing the permanent improvement of Cleavelor. land harbor, Ohio, fifteen thousand dollars.

Grand River For continuing the removal of obstructions at Grand

bor). river, Ohio, six thousand dollars.

Cunningham For continuing the removal of obstructions at Cunningham creek, Ohio, one thousand two hundred and seventy-five dollars.

Conneaut Creek. For continuing the removal of obstructions at Conneaut creek, Ohio, two thousand five hundred dollars.

Presque Isle (Erie) Harbor. For continuing the improvement of the harbor of Presque Isle, Pennsylvania, according to Colonel Totten's recommendation, fifteen thousand dollars.

Dunkirk, N.Y. For continuing the improvement at Dunkirk harbor, New York, eleven thousand dollars.

Dredging machine on Lake Erie, eight thousand chine on Lake Erie, eight thousand chine on Lake Erie,

Genesee River (Charlotte Harbor). For continuing the works at the mouth of Genesee river, New York, twenty thousand dollars.

Oswego Har- For continuing the pier and mole at Oswego harbor, New York, twenty thousand dollars.

Kennebunk. For continuing the pier at Kennebunk, Maine, seven thousand five hundred dollars.

Hudson River. For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars, to be expended according to the plan and estimate recommended by the Secretary of War.

Newcastle, For continuing the improvement of the harbor of New Castle, Delaware, twenty-five thousand dollars.

Ocracoke Inlet. For continuing the removal of obstructions at Ocracock inlet, North Carolina, nine thousand dollars.

Cape Fear For continuing the improvement of the navigation of the Cape Fear river, below Wilmington, North Carolina, twenty thousand dollars.

For the improvement of the navigation of the Ohio river. between Pittsburg and the falls of the Ohio, twenty thousand dollars, which, together with the unexpended balance of the appropriation for this purpose by the act of the third of March, A. D. eighteen hundred and thirty-five, shall be expended by direction of the Secretary of War, under the superintendence of the officers of the engineer corps heretofore employed on that service.

For the improvement of the navigation of the Ohio and Ohio and Mississippi rivers. Mississippi rivers from Louisville to New Orleans, sixty

thousand dollars.

For the improvement of the Mississippi river above the Mississippi and Mississippi and mouth of the Ohio river, and for the Missouri river, fortythousand dollars, to be expended in such manner and for the removal of such obstructions as the Secretary of War shall direct.

For continuing the removal of obstructions in Red river. Louisiana, and Territory of Arkansas, forty thousand eight

hundred dollars.

For constructing a boat to prevent a new accumulation of Boatand working it. obstruction in said river, within the old limits of the Great Raft, so called, fifteen thousand dollars, and the additional sum of fifteen thousand dollars to work and support the

For continuing the improvement of the Cumberland river, Cumberland in Kentucky and Tennessee, twenty thousand dollars.

For continuing the removal of obstructions in the Chipola Chipola River,

river, in the Territory of Florida, four thousand dollars.

For completing the inland channel between St. Mary's and tween St. Mary's St. John's, in the Territory of Florida, in addition to unex- and st. Johns. pended appropriations, according to the estimate of the Engineer Department, five thousand dollars.

For continuing the removal of obstructions in, and im- Escambia River. proving the navigation of, the Escambia river, in the Terri-

tory of Florida, five thousand five hundred dollars.

For further improvements at the mouth of Huron river. in the State of Ohio, four thousand three hundred dollars.

the State of Ohio, four thousand three number domain. And the following sums, necessary to close accounts, in To close accounts in Third Auditor's office.

the office of the Third Auditor, viz. For removing obstructions at Cunningham creek, Ohio, Creek,

Cunningham

thirty-two dollars and thirty-six cents.

For completing the pier at La Plaisance Bay, Michigan Bay, Mich. Territory, three hundred and twenty-three dollars and fifteen cents.

Cleveland Har-For removing obstructions at Cleaveland harbor, Ohio, bor.

six dollars and fifty-nine cents.

For repairing breach in the peninsula at Presque Isle, (Erie) Harbor. one hundred and twenty-two dollars and eighty cents.

For improvement of the navigation of the Ohio and Mis-ohio and Mis-ohi sissippi rivers from Pittsburg to New Orleans, under the 1831, c. 58. act of second of March, eighteen hundred and thirty-one, seventeen thousand eight hundred dollars and five cents.

Ohio River.

1835, c. 25.

Red River.

Huron River.

Examinations and surveys. 1824. c. 46.

For defraying the expenses incidental to making examinations and surveys, under the act of the thirtieth of April, eighteen hundred and twenty-four, of which sum five thousand dollars shall be appropriated and applied to geological and mineralogical surveys and researches in the Indian country on the public lands and in the Territories of the United States, thirty thousand dollars.

Approved, July 2, 1836.

July 4, 1836. Vol. 5, p. 128. CHAP. 363.—An Act Making appropriations for the improvement of certain harbors therein mentioned, for the year one thousand eight hundred and thirty-six, and for other purposes.

Be it enacted, by the Senate and House of Representatives Appropriations of the United States of America in Congress assembled, That for the security of the navigation and commerce of the United States, the following sums of money be, and the same are hereby directed to be paid out of any money in the Treasury not otherwise appropriated, and placed at the disposition of the President, for the following objects, viz:

Breakwater in PortlandHarbor, Me.

For erecting a breakwater on Stanford ledge, in Portland harbor, according to the plan reported by John Anderson, of the Engineer corps, in the year eighteen hundred and thirty-two, ten thousand dollars.

Survey near Owls Head Harbor, Me.

For the survey of a ledge near Owl's-head harbour, to determine the expediency of erecting thereon a breakwater to improve said harbor, four hundred dollars.

Survey at Cobscook Bay, Me.

For the examination and survey of the passage into Cobscook bay, in the State of Maine, for the purpose of ascertaining the practicability of removing two ledges whereby the navigation of said bay is materially obstructed, three hundred dollars.

Deepening CochecoRiver, N.H. For deepening the channel of the Cocheco branch of the Piscataqua river, leading into Dover harbour, five thousand dollars.

Harbor of Bass River, Mass.

For the improvement of the harbor at the mouth of Bass river, ten thousand dollars and forty-one cents.

Removing For removing the wreck in the harbor of New Bedford, Bedford Harbor, ten thousand dollars.

Mass.

Breakwater at Sandy bay,
s andy Bay agreeably to the report of a survey made by the direction
(Rockport Har) of the Department of War, transmitted to Congress by
the President, April twenty-third, eighteen hundred and

thirty, ten thousand dollars.

Point of land in For preserving the point of land leading to the fort and light-house at the Gurnet, in Duxbury, by hurdles or

Rainsford Island, Mass.

double ranges of piles, five thousand dollars.

For the preservation of Rainsford island, in the harbor

of Boston, fifteen thousand dollars.

Breakwater at Church's Cove [a] harbor, in the Harbor, R. I. town of Little Compton, ten thousand dollars, agreeably

<sup>&</sup>lt;sup>a</sup>This cove has sometimes been called Fishing Place Cove; it is known also as Sakonnet Point Harbor.

to a survey made by Lieutenant-Colonel Anderson, of the United States topographical engineers, in eighteen hundred and twenty-seven.

For improving the harbor of Saybrook, by removing the Saybrook Harbar at the mouth of Connecticut river, twenty thousand

For improving the harbor of Westport, agreeably to the Westport Harreport of John Anderson, of the Engineer corps, three thousand dollars.

For a sea-wall to preserve Fairweather [Fayerweather] Fayerweather [Fayerweather] Island, Conn. Faverweather

island, near Black Rock harbor, ten thousand dollars.

For securing the public works at the harbor of Southport, Conn. Southport.

one thousand five hundred dollars.

For further securing the beach at Cedar point, in Con-Cedar Point, section, one thousand dollars. necticut, one thousand dollars.

For deepening the channel leading into Bridgeport har-Bridgeport Har-bor, Conn.

bor, ten thousand dollars.

For deepening the channel of the river Thames, leading Norwich bor, Conn. Norwich Harinto Norwich harbor, ten thousand dollars.

For building a breakwater or pier at the harbor of Bur-Burlington Harbor. Vt.

lington, ten thousand dollars.

For deepening the channel to eight feet between the Channel near St. Albans, Vt. islands of North and South Hero, near Saint Alban's in Lake Champlain, in Vermont, fifteen thousand dollars.

For the improvement of the harbor of Portland, on Lake Portland Harrie, ten thousand dollars.

N. Y.

Erie, ten thousand dollars.

For the improvement of the harbor at the mouth of Sal-(Botton ario mon river [a], on Lake Ontario, according to the several Harbor), N. Y. Salmon River, plans of said harbor, submitted through the Department

of War, five thousand dollars. For the improvement of the harbor at the mouth of Oak Orchard Orchard creek, on Lake Ontario, according to the plan tario, N. Y.

thereof made by Joseph G. Swift, civil engineer, five thousand dollars.

For the improvement of the harbor at the mouth of Black River. river, in the county of Jefferson, five thousand dollars.

For building a breakwater or pier at the harbor of Platts-Plattsburg, N. Y.

burg, ten thousand dollars.

For improving the harbor at the mouth of Cattaraugus Creek, Lake Erie, creek, on Lake Erie, fifteen thousand dollars.

For improving the entrance of Whitehall harbor, on Lake Whitehall harbor, whiteh Whitehall Har-

Champlain, eight thousand dollars.

For building an ice-breaker on Staten island, nineteen Staten Island, thousand five hundred dollars.

For improving the harbor at New Brunswick, by remov- New Brunsing the obstructions in the Raritan river, according to a N.J. plan reported to the War Department by Hartman Bache, seven thousand dollars.

For the protection and improvement of Little Egg har-Little Egg har-Lor, N. J. bor, according to the plan reported to the War Department,

five thousand dollars.

<sup>&</sup>lt;sup>a</sup> Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth.

Survey of Crow Shoal in Delaware bay, to ascertain the expediency of constructing a breakwater or artificial harbor, one thousand dollars.

Chester Har- For repairs at the harbor of Chester, three thousand dollars.

Delaware River, near Fort Mifflin,

For removing the bar on the river Delaware, in the neighborhood of Fort Mifflin, with the view of improving the

harbor of Philadelphia, fifteen thousand dollars.

Wilmington For improving the harbor of Wilmington, by removing the bar at the mouth of Christiana river, according to the plan recommended by Hartman Bache, of the engineer corps. fifteen thousand dollars.

Baltimore Harbor of Baltimore, twenty thousand

dollars.

Surveyon Chesapeake Bay, Md. For a survey of the head waters of Chesapeake bay, pursuant to a resolution of the Legislature of Maryland, five hundred dollars.

Survey of James For a survey of James river, with the view of improving

the harbor of Richmond, five hundred dollars.

Channels of Dismal Swamp Canal, va. For improving the navigation of the natural channels at the northern and southern entrances of the Dismal Swamp canal, fifteen thousand dollars.

Shoal in Pamlico River, N. C. For removing a sand shoal in Pamtico river, five thousand dollars, by means of the dredging machine now in op-

eration at Ocracock inlet.

Shoal in New For removing the oyster shoal in New river, Onslow county, by means of the dredging machine now in operation in the collection district of Wilmington, five thousand dollars.

Beaufort Harbor, N. C.
Georgetown
Harbor, S. C.
To improve the harbor of Beaufort, five thousand dollars.
For a survey of the bar and harbor at Georgetown, one thousand dollars.

Brunswick bar, with the view of Ga.

Mouth of Von

Mouth of Vermilion River, at the mouth of Vermilion river, ten thousand dollars, according to the plan reported to the War Department.

Michigan City For the construction of a harbor at Michigan city, according to the plan reported to the War Department, twenty thousand dollars.

Mouth of MississippiRiver, La.

For increasing the depth of water in the mouth of the Mississippi river, by closing some of the passages leading out of it, or by cutting a ship channel, or by any other means which shall be deemed expedient by the Secretary of War, with the approbation of the President of the United States, seventy-five thousand dollars; the said sum to be expended in whole or in part, as may be thought proper by the War Department, after the necessary survey shall have been made.

Pier near st. For a pier to give direction to the current of the Mississippi river, near the city of St. Louis, fifteen thousand dollars.

For the survey of Saint Francis, Black, and White rivers, Survey of rivin Arkansas and Missouri, to determine upon the expediency and Missouri. of removing the natural rafts thereon, one thousand dollars.

For removing a mud shoal, called the Bulk Head, in the Blemoving channel from East Pass to Appalachicola, ten thousand dol-Fia.

lars

For the construction of a pier or breakwater at the mouth Mouth of St. of the river Saint Joseph, twenty thousand dollars.

For the survey of the mouth of Milwaukie river, on Lake Survey of Mil-Michigan, to determine the practicability of making a har-Wis.

bor by deepening the channel, four hundred dollars.

SEC. 2. And be it further enacted, That the reports upon surveys to conall the aforesaid surveys shall contain a statement of all tain estimates. such facts within the knowledge of the engineers respectively making the surveys, as are or may be in any way materially connected with the proposed improvements, and also with estimates, in detail, of the sums of money necessary for such improvements, respectively.

Approved, July 4, 1836.

**CHAP. 44.**—An Act To provide for certain harbors, and for the removal of obstructions in and at the mouths of certain rivers, and for other purposes, during the year one thousand eight hundred and thirty-seven.

Mar. 3, 1837. Vol. 5, p. 187.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for carrying on the following sums be, and the same are hereby, appropriated ated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, to wit:

For continuing the improvement of the harbor of Chicago, Chicago Har-

Illinois, forty thousand dollars;

For continuing the construction of a harbor at Michigan Michigan City.

City, Indiana, thirty thousand dollars;

For continuing the construction of a pier or breakwater St. Joseph at the mouth of the river Saint Joseph, Michigan, fifteen thousand dollars;

For the continuation of the works at the harbor near the River Raisin mouth of the river Raisin, Michigan, thirty thousand dol-bor).

lars;

For completing the channel of the Cocheco branch of the Piscataqua river, in the State of New Hampshire, five thousand dollars;

For continuing the improvement of the harbor at the Black River. mouth of Black river, in Jefferson county, State of New York, ten thousand dollars;

For continuing the improvement of the harbor at White-whitehall Har-

hall, in the State of New York, ten thousand dollars;
For continuing the improvement of the channel at the (Charlotte Harmouth of Genesee river, in the State of New York, ten bor).
thousand dollars:

Mobile Harbor. For improving the harbor of Mobile, in the State of Alabama, by removing the bar of the Choctaw pass and Dog river bar, fifty thousand dollars;

Black River (Lorain Harbor). For continuing the removal of obstructions at Black river, Ohio, six thousand four hundred and ten dollars:

Huron River. For continuing the removal of obstructions at the mouth of the Huron river, in Ohio, two thousand five hundred and sixty-five dollars;

Vermilion For continuing the improvement of the navigation at the mouth of Vermillion river, Ohio, twenty thousand dollars;

Cleveland Har
For continuing the improvement of Cleaveland harbor

Cleveland Har- For continuing the improvement of Cleaveland harbor, Ohio, ten thousand dollars;

Cunning ham For continuing the removal of obstructions at Cunning-ham creek, Ohio, five thousand dollars;

Ashtabula For continuing the removal of obstructions at Ashtabula creek, Ohio, eight thousand dollars;

Conneaut Creek. Ohio, five thousand dollars;

Presque Isle For continuing the improvement of the harbor of Presque Isle, Pennsylvania, fifteen thousand dollars;

Dunkirk Har- For continuing the improvement of Dunkirk harbor, New York, fifteen thousand dollars;

For continuing the improvement of the harbor of Portland, Lake Erie, New York, ten thousand dollars;

Cattaraugus
Creek Harbor
raugus creek, Lake Erie, New York, ten thousand dollars;
Salmon River
For continuing the improvement of the harbor of Salmon

(Port Ontario river [a], Lake Ontario, New York, ten thousand dollars;

North and South Hero isl the North and South Hero islands, Lake Champlain, Vermont, six thousand dollars:

Plattsburg. For continuing the construction of a breakwater at Plattsburg, New York, ten thousand dollars;

Creek. Oak Orchard Creek, New York, five thousand dollars:

Kennebunk. For continuing the pier at Kennebunk, Maine, three thousand dollars:

Bay. Great Sodus For continuing the improvement at Big Sodus bay, New York, twelve thousand dollars.

Oswego Har- For continuing the pier and mole at Oswego harbor, New York, fifteen thousand dollars;

Burlington. For continuing the construction of a breakwater at Burlington, Vermont, ten thousand dollars;

For continuing the breakwater on Stanford's Ledge, Portland harbor, Maine, twenty-five thousand dollars;

Sandy Bay For continuing the breakwater at Sandy bay, Massachuber). For continuing the breakwater at Sandy bay, Massachuber).

For continuing the breakwater at Hyannis harbor, Massachusetts, five thousand dollars;

a Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth.

Hudson River.

For continuing the improvement of the channel of the River Thames. river Thames, leading into Norwich harbor, Connecticut, twenty thousand dollars:

For continuing the securing of the public works, at the Southport Har-

harbor of Southport, Connecticut, one thousand dollars;

For improving the harbor of Westport, Connecticut, Westport Har-

three thousand seven hundred and thirty-four dollars:

For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars; to be expended according to the plan and estimate recommended by the Secretary of War:

For continuing the repairs at the harbor of Chester, Chester Har-

Pennsylvania, two thousand dollars:

For continuing the improvement of the harbor of Wil-Wilmington

mington. Delaware, eight thousand dollars:

For continuing the improvement of the harbor of New-NewcastleHar-

castle, Delaware, ten thousand dollars;

For continuing the Delaware breakwater, and construct- Delaware ing a wharf or mole pursuant to the report of Captain Dela-Breakwater. field, one hundred and forty-one thousand dollars.

For continuing the improvement of the harbor of Balti-Baltimore Harmore, Maryland, fifteen thousand dollars:

For continuing the removal of obstructions at Ocracoke Ocracoke Inlet.

inlet, North Carolina, twelve thousand and fifty dollars:

For continuing the improvement of the navigation of Cape Fear Cape Fear river, below Wilmington, North Carolina, ten

thousand dollars:

For opening a passage, of fifty yards wide and seven feet Opening passage, at low water, between the town of Beaufort and Pam-town of Beaufort lico sound, North Carolina, and for improving New river, in and Familico sound, North Carolina, and for improving New river, in Sound, and imaddition to two sums of five thousand dollars each, approprioring New priated at the last session of Congress for the harbor of Beaufort and for New river, twenty thousand dollars;

For continuing the improvements of the inland channel tween St. Marys between Saint Mary's and Saint John's, Florida, five thou- and St. Johns.

sand dollars:

For continuing the improvement of the Cumberland Cumberland River. river in Kentucky and Tennessee, according to the report of Colonel Abert, United States Engineer, dated February twenty-third, eighteen hundred and thirty-five, of the survey of said river, fifty-five thousand dollars;

For continuing the removal of obstructions in the Red Red River.

river, sixty-five thousand dollars;

For continuing the improvement of the Ohio river be- Ohio River.

tween the falls and Pittsburg, sixty thousand dollars;

For continuing the improvement of the navigation of the ohio and Mississippi rivers, from Louisville to New Orleans, sissippi rivers. sixty thousand dollars;

For continuing the works for the removal of the obstruc-Mississippi tions to the navigation of the Mississippi river at its mouth, River.

two hundred and ten thousand dollars;

Arkansas River.

For continuing the works for the removal of the obstructions to the navigation of the Arkansas river, in addition to the unexpended balance of thirty-five thousand dollars, the sum of twenty-five thousand dollars:

Mississippi and Missouri rivers.

For continuing the improvement of the Mississippi river above the mouth of the Ohio, and of the Missouri river.

forty thousand dollars:

Mississinni River.

For the erection of a pier in the Mississippi river, near Saint Louis, including the sum of fifteen thousand dollars. appropriated for that purpose at the last session of Con-

gress, fifty thousand dollars:

Ohio, Missouri, and Mississippi rivers. Steam snag

For improving the navigation of the Ohio, Missouri, and Mississippi rivers, and to replace the steam snag-boat. boat Archimedes, sunk in the Mississippi river in November last, twenty-three thousand dollars:

Black and White rivers.

For continuing the survey of Black and White rivers in

For making a survey from the southern debouche of the

Arkansas and Missouri, one thousand dollars;

Survey with view to deter-

mine practicabil- Dismal Swamp canal, down the Pasquotank river to Elizaity of inland combe beth, thence to Croatan Sound, Pamlico and other sounds, tween the Chesa-near the coast of North Carolina; and thence by the most beake Bay and Charleston, S. C. practicable route to Winyaw bay, in South Carolina, with a view to determine the practicability of opening an inland communication for steam navigation, from the Chesapeake bay to Charleston South Carolina, ten thousand dollars;

New Brunswick Harbor.

For improving the harbor of New Brunswick, New Jersey, by removing the obstructions in the Raritan river in addition to the appropriation of July four, eighteen hundred and thirty-six, six thousand nine hundred and sixtythree dollars:

Sec. 2. And be it further enacted, That when the corpo-

When corporate authorities

rate authorities of Alexandria rate authorities of the town of Alexandria shall deposite [sic] deposit their the stock held by them in the Alexandria Canal Company, dria Canal Come in the hands of the Secretary of the Treasury, with proper pany in hands of the Secretary of the and competent instruments and conveyances in law to vest Treasury, with the same in the Secretary of the Treasury and his succesments, etc., to sors in office, for and on behalf of the United States, to be vest same in him, held in trust upon the same terms and conditions in all ized to advance, respects as the stocks held in the Chesapeake and Ohio from time to Canal by the several cities of this District, were required necessary to com-necessary to com-plete said canal, to be held in and by virtue of the act approved on the sevnot exceeding enth day of June, eighteen hundred and thirty-six, entitled "An act for the relief of the several corporate cities of the district of Columbia," that the Secretary of the Treasury be, and he is hereby authorized and directed to advance, out of any moneys in the Treasury not otherwise appropriated, to the Alexandria Canal Company, from time to time, as the progress of the work may require the same, such sums of money, not exceeding three hundred thousand dollars, as may be necessary to complete the said canal to the town and harbor of Alexandria; Provided, That the Alexandria Canal Company, in the construction of the re-

Proviso.

maining piers, abutments and works of their aqueduct over the Potomac river, are hereby prohibited and restrained from throwing earth or clay into the open river, and are To remove earth from river, required with the money furnished by this bill to remove etc. all earth and clay, heretofore deposited by them in the river.

Approved, March 3, 1837.

CHAP. 46.—An Act To provide for continuing the construction, and for the repair of certain roads, and for other purposes, during the Vol. 5, p. 195. year eighteen hundred and thirty-seven.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. \* \* \*

Sec. 3. And be it further enacted. That the following sums be and the same are hereby appropriated, to be paid out of any money in the Treasury, not otherwise appropriated, to wit:

For defraying the expenses incidental to making examinations and surveys, under the act of the thirteenth examinations, [thirtieth?] of April, eighteen hundred and twenty-four, etc., under act and for geological and mineralogical surveys and researches 46, etc. in the Indian country, on the public lands, and in the territories of the United States, thirty thousand dollars;

Approved, March 3, 1837.

CHAP. 34.—An Act To continue in force an Act therein mentioned, relating to the port of Baltimore.

Mar. 19, 1838. Vol. 5, p. 215.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Actpassed Mar. the act passed the seventeenth day of March, in the year far as relates to one thousand eight hundred, entitled "An act declaring act of Maryland, on the seventeenth day of March, in the year far as relates to one thousand eight hundred, entitled "An act declaring act of Maryland, on the seventeenth day of the sev the assent of Congress to certain acts of the States of Mar. 3, 1843. Maryland and Georgia," and which, by subsequent acts, has been revived and continued in force until the third 1861, c. 11. day of March, one thousand eight hundred and thirtyeight, be, and the same, so far as it relates to the act of Maryland, is hereby revived and continued in force until the third day of March, one thousand eight hundred and forty-three. Provided, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam, employed in the transportation of passengers.

Proviso.

Approved, March 19, 1838.

Apr. 20, 1838. Vol. 5, p. 228. CHAP. 59.—An Act Making an appropriation for the removal of the great raft of Red River.

Be it enacted by the Senate and House of Representatives:

Appropriation of the United States of America in Congress assembled, That Red River raft, the sum of seventy thousand dollars be appropriated, out of La. and Ark., any money in the Treasury not otherwise appropriated, for the complete removal of the great raft in Red River, in the States of Louisiana and Arkansas.

Approved, April 20, 1838.

July 7, 1838. Vol. 5, p. 264. CHAP. 169.—An Act To provide for the support of the Military Academy of the United States for the year eighteen hundred and thirty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Appropriations.

SEC. 5. And be it further enacted, That the following sums be, and the same are hereby appropriated, out of any unappropriated money in the Treasury, viz.:

Surveys by civil engineers.

For an outstanding balance of expenditure for surveys by the civil engineers, to enable that Department to settle and close the account for those surveys, two thousand dollars.

Approved, July 7, 1838.

July 7, 1838. Vol. 5, p. 268. CHAP. 171.—An Act To provide for certain harbors and for the removal of obstructions in and at the mouths of certain rivers, and for other purposes, during the year one thousand eight hundred and thirty-eight.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

Chicago Harbor.

For continuing the improvement of the harbor of

Chicago, Illinois, thirty thousand dollars;

Michigan City Harbor.

For continuing the construction of a harbor at Michigan City, Indiana, sixty thousand seven hundred and thirty-

three dollars and fifty-nine cents;

St. Joseph pier or breakwater

For continuing the construction of a pier or breakwater at the mouth of the river Saint Joseph, Michigan, fiftyone thousand one hundred and thirteen dollars;

Tiver (Monroe Har)

For the continuation of the works at the harbor near the mouth of the river Raisin, Michigan, fifteen thousand dollars;

For continuing the improvement of the harbor at the Harbor at the mouth of Black mouth of Black river, in Jefferson county, State of New River. York, twenty-two thousand four hundred and one dollars;

For continuing the improvement of the harbor at White-bor.

hall. in the State of New York, fifteen thousand dollars;

For continuing the improvement of the channel at the Genesee River (Charlotte Harmouth of Genesee river, in the State of New York, twenty-bor). five thousand dollars:

For continuing the removal of obstructions at Black Biver (Lorain Harbor).

river, Ohio, five thousand dollars;

Huron River. For continuing the removal of obstructions at the mouth

of the Huron river, in Ohio, five thousand dollars;

For continuing the improvement of the navigation at the Nermilion mouth of Vermillion river, Ohio, twenty-three thousand

six hundred and twenty-six dollars and fifty-seven cents;

For continuing the improvement of Cleaveland harbor, Cleveland Har-Ohio, fifty-one thousand eight hundred and fifty-six dollars;

For continuing the removal of obstructions at Cunning-Cunningham

ham creek, Ohio, five thousand dollars;

For continuing the removal of obstructions at Ashtabula Creek.

creek, Ohio, eight thousand dollars; For continuing the removal of obstructions at Conneaut Creek.

creek, Ohio, eight thousand dollars: For continuing the improvement of the harbor of Presque Presque Is (Erie) Harbor. isle, Pennsylvania, thirty thousand dollars;

For continuing the improvement of Dunkirk harbor, New Dunkirk Harbor.

York, ten thousand dollars:

For continuing the improvement of the harbor of Port-Portland Harland, Lake Erie, New York, thirty-five thousand four hundred and sixty-six dollars;

For continuing the improvement of the harbor at Catta-Creek Harbor raugus creek, Lake Erie, New York, thirty-two thousand

four hundred and ten dollars;

four hundred and ten dollars;
For continuing the improvement of the harbor of Salmon Salmon River river [a], Lake Ontario, New York, thirty thousand dollars; Harbor, Plattsburg

For continuing the construction of a breakwater at breakwater. Plattsburg, New York, twenty-seven thousand five hun-

dred dollars:

For continuing the improvement of the harbor at the Oak Orchard mouth of Oak Orchard creek, New York, five thousand Creek Harbor.

For continuing the pier at Kennebunk, Maine, eight Pier at Kenne-

thousand dollars;

For continuing the improvement of Big Sodus bay, New Bay, Sodus York, ten thousand dollars;

For continuing the pier and mole at Oswego harbor, at Oswego Har-New York, forty-six thousand and sixty-seven dollars;

For continuing the construction of a breakwater at Bur-Burlington. lington, Vermont, fifty thousand dollars;

a Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth.

River.

Breakwater For continuing the breakwater on Stanford's Ledge. Porton Stanfords land harbor, Maine, twenty-six thousand three hundred and ledge. sixty-six dollars:

For continuing the breakwater at Hvannis harbor, Massa-Breakwater at Hyannis. chusetts, eight thousand seven hundred and sixty-four dollars;

Sandv Bav For continuing the breakwater at Sandy Bay. Massachu-(Rockport Harsetts, twenty thousand dollars:

For continuing the improvement of the channel of the River Thames. river Thames, leading into Norwich harbor, Connecticut. ten thousand dollars:

For improving the harbor of Westport, Connecticut, four Westport Harbor.

thousand seven hundred and eighty-two dollars:

Hudson River. For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars; to be expended according to the plan and estimate recommended by the Secretary of War:

Wilmington For continuing the improvement of the harbor of Wil-Harbor. mington. Delaware, nine thousand three hundred and fifty-six dollars:

Newcastle For continuing the improvement of the harbor of New Harbor. Castle, Delaware, eleven thousand five hundred and seventythree dollars:

Delaware For continuing the Delaware breakwater, one hundred Breakwater. and fifty thousand dollars:

Baltimore Har-For continuing the improvement of the harbor of Baltihor more, Maryland, twenty thousand dollars;

Fear Cape For continuing the improvement of the navigation of River. Cape Fear river, below Wilmington, North Carolina, twenty thousand dollars:

Opening passage of fifty yards wide, and seven teet sage between For opening a passage of fifty yards wide, and seven teet Beaufort and deep, at low water, between the town of Beaufort and Carolina and for improving New Pamlico Sound, Pamlico sound, North Carolina, and for improving New New River. river, twenty-five thousand dollars;

Pamlico River. For continuing the improvement of Pamlico, or Tar river, below Washington, North Carolina, five thousand dollars;

Inlandchannel For continuing the improvements of the inland channel Mary's and St. between St. Mary's and St. John's, Florida, twenty-nine thousand dollars:

Dog River bar nd Choctaw For continuing the improvement at Dog river bar, and and Choctaw Pass, in Mobile harbor, fifty thousand dollars;

For continuing the improvement of the Cumberland Cumberland river, in Kentucky and Tennessee, below Nashville, twenty thousand dollars:

Ohio River. For continuing the improvement of the Ohio river, between the falls and Pittsburgh, fifty thousand dollars;

Ohio and Mis-For continuing the improvement of the navigation of sissippi rivers. the Ohio and Mississippi rivers, from Louisville to New Orleans, seventy thousand dollars;

Mississippi and For continuing the improvement of the Mississippi river. Missouri rivers. above the mouth of the Ohio, and of the Missouri river, twenty thousand dollars:

For continuing the removal of obstructions in Grand Grand River (Fairport Har-

river, Ohio, ten thousand dollars:

Works at Buf-For continuing the works at Buffalo harbor, twenty falo Harbor, etc. thousand five hundred dollars; and for erecting a mound or sea-wall along the peninsula which separates Lake Erie from Buffalo creek, to prevent the influx at the lake over said peninsula, forty-eight thousand dollars:

For continuing the preservation of Plymouth beach, two Plymouth

thousand four hundred dollars:

For continuing the preservation of Provincetown harbor, Provincetown four thousand five hundred dollars:

For continuing the preservation of Rainsford island, Rainsford Island, Rainsford Island, Rainsford Island seven thousand three hundred and fifty-three dollars; For continuing the sea-wall for the preservation of Fair-Fayerweather Island sea wall.

weather [Fayerweather] island, and repairing the breakwater near Black Rock harbor, Connecticut, eleven thou-

sand five hundred and fifty dollars;

For continuing the improvement of the harbor at the mouth of Bass mouth of Bass river, Massachusetts, ten thousand dollars; River.

For continuing the breakwater of Church's cove [a], Breakwater of Churchs Cove. town of Little Compton, Rhode Island, eighteen thousand

dollars:

For the protection and improvement of Little Egg Little Egg Har-

harbor, ten thousand dollars:

For improving the natural channels at the northern Dismal and southern entrances of the Dismal Swamp canal, ten Canel. thousand dollars:

For the improvement of the navigation of Savannah Savannah River.

river, Georgia, fifteen thousand dollars;

For the improvement of the Arkansas river, forty thou-Arkansas River.

sand dollars;

For removing the sand-bar occasioned by the wreck in Removal of sand bar in New the harbor of New Bedford, the unexpended balance of an Bedford Harbor. appropriation of ten thousand dollars, made July four, eighteen hundred and thirty-six, being seven thousand six

hundred and ninety-one dollars and thirty-seven cents. SEC. 2. And be it further enacted, That the appropriation Deepening heretofore made of ten thousand dollars, for removing the in Apalachicola mud shoal, called the Bulkhead, in the harbor of Appalach-Harbor.

icola, be, and the same is hereby, transferred to the deepening of the straight channel in the same harbor.

SEC. 3. And be it further enacted, That of the several sums of sums appropriated by the first section of this act, which exceed of this act, which twelve thousand dollars each, one half thereof, if the public exceed straight service require it, shall be paid out during the year eighteen paid out in 1838 hundred and thirty-eight, to be applied to the objects as and the other in 1839. hundred and thirty-eight, to be applied to the objects as 1839. above specified, and the other half in like manner, in the year eighteen hundred and thirty-nine.

Approved, July 7, 1838.

a This cove has sometimes been called Fishing Place Cove; it is known also as Sakonnet Point Harbor.

July 7, 1838. Vol. 5, p. 803, CHAP. 190.—An Act Making appropriations for certain roads in the Territory of Wisconsin.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby appropriated for the construction of roads in the Territory of Wisconsin, to wit:

Survey for improvement of navigation of Rock River.

For the survey, with the view of the improvement of the of navigation of Rock river, from the Illinois line, as far up the same as the contemplated point of intersection with the Milwaukee and Rock river canal, and also of the Haven [a] of the said river, next below Lake Kushkenong [Koshkonong] to Madison, the seat of Government of the Territory of Wisconsin, a sum not exceeding one thousand dollars.

Survey of Des Moines and Iowa rivers.

For the survey of the Des Moines and Iowa rivers, with a view to the improvement of their navigation, a sum not exceeding one thousand dollars.

Approved, July 7, 1838.

Mar. 3, 1839. Vol. 5, p. 328.

CHAP. 72.—An Act To authorize the construction of certain improvements in the Territory of Wisconsin and for other purposes.

For further survey and estimate of the United States of America in Congress assembled, That for improving for the further survey and estimate of the cost of improvand connecting ing the navigation of the Neenah [Fox] and Wisconsin rivers (Fox) and Wisconsin rivers and connecting the same by a navigable canal or water communication, two thousand dollars be, and the same are hereby appropriated; \* \* \*

Approved, March 3, 1839.

Mar. 3, 1839. Vol. 5, p. 330.

**CHAP.** 76.—An Act Making appropriations for building a pier at the northern extremity of Winnebago Lake, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the security of the navigation of the commerce of the United States, the following sums be, and the same hereby are, appropriated to be paid out of any money in the Treasury not otherwise appropriated, and to be applied to the following objects:

a Four lakes, called Mendota, Monona, Waubesa, and Kegonsa, with their outlet, the Catfish River (River of the Four Lakes), which empties into Rock River, constitute the haven, so called. Madison is situated on an isthmus between the two lakes first mentioned, the two other lakes being farther downstream.

For building a pier at the northern extremity of Winne-Pier at north-bago lake, in the Territory of Wisconsin, the sum of five of Winnebago hundred dollars;

Approved, March 3, 1839.

CHAP. 78.—An Act For the improvement and survey of certain rivers, and the repair of certain roads in Florida.

Mar. 3, 1839. Vol. 5, p. 331.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, to be paid out of any money in the Treasury, not otherwise appropriated, for the purposes herein specified, that is to say,

For the removal of obstructions at the mouth of the Su-obstructions at wannee river, and for the survey of the said river, with a mouth, and surview to its improvement, fifteen thousand dollars;

For the survey of Yellow river [a], Florida, to ascertain Survey of Yelthe practicability and cost of removing the rafts which

obstruct its navigability, five hundred dollars;

Approved, March 3, 1839.

CHAP. 82.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year eighteen hundred and Vol. 5, p. 339. thirty-nine.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby appropriated, to be paid out of any unappropriated money in the Treasury, viz:

For deepening the straight channel of the east pass to Reappropria-Appalachicola, Florida, being the balance of an appropri-Pass to Apalaation transferred to this improvement, and since carried to chicola. the surplus fund, nine thousand nine hundred dollars;

For improving the harbor of Saybrook, by removing the Reappropriabar at the mouth of Connecticut river, being the balance Harbor, Conn. of an appropriation carried to the surplus fund, fifteen thousand seven hundred and ten dollars;

Approved, March 3, 1839.

<sup>&</sup>lt;sup>a</sup> Known also as Yellowwater River. It is distinct from Yellow River, Georgia.

Mar. 3, 1839. Vol. 5, p. 352. **CHAP. 86.**—An Act To authorize the construction of a road from Dubuque, in the Territory of Iowa, to the northern boundary of the State of Missouri, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Secretary of Sec. 2. And be it further enacted, That the Secretary of War to cause was a survey of Red War be, and he is hereby, empowered to cause a survey Cedar River, of Red Cedar river, within the said Territory, and an estimate to be made. mate to be made, with a view to the improvement of the navigation thereof above the town of Moscow, and the connection of the said navigation with the river Mississippi by a canal, extending from the vicinity of said town to some suitable point in or near the town of Bloomington; appro- and to defray the expense of said survey and estimate, the sum of fifteen hundred dollars be, and the same is hereby, appropriated, out of any money in the Treasury not otherwise appropriated.

Approved, March 3, 1839.

May 8, 1840. Vol. 5, p. 371. **CHAP. 22.**—An Act Making appropriations for the civil and diplomatic expenses of the Government for the year eighteen hundred and forty.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, viz:

Payment to W. G. McNeill. Apalachicola Bay.

For compensation to William Gibbs McNeill, being an excess of expenditure over and above the appropriation for surveys made under his direction of the East pass of the Appalachicola Bay, one hundred and fifty dollars and twenty-nine cents;

Approved, May 8, 1840.

July 20, 1340. Vol. 6, p. 807. CHAP. 80.—An Act For the relief of Ebenezer Lobdell.

Be it enacted by the Senate and House of Representatives

To be paid for of the United States of America, in Congress assembled, That
moving obstruct the Secretary of the Treasury be, and he is hereby, authortions from River ized and directed to pay to Ebenezer Lobdell, out of any
money in the treasury not otherwise appropriated, the sum
of one thousand and seventy-five dollars and thirty-nine
cents, for extra labor in clearing out certain obstructions

in the river Kennebec, not within the terms of a contract executed by him and Peter Grant, the agent of the United States, on the thirtieth day of May, eighteen hundred and twenty-nine.

Approved, July 20, 1840.

CHAP. 12.—An Act To confirm to the State of Indiana the land selected by her for that portion of the Wabash and Erie Canal which lies between the mouth of the Tippecanoe River and Terre Haute, and for other purposes.

Feb. 27, 1841. Vol. 5, p. 414.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Wabash Eric Canal. Wabash and there be, and there hereby is, confirmed to the State of Indiana, the land selected by her, under the provisions of Land selected the act of second of March, eighteen hundred and twenty-by Indiana unseven, entitled "An act to grant a certain quantity of land 2, 1827, c. 56, conto the State of Indiana, for the purpose of aiding the State firmed to her. 1834, c. 137; in opening a canal to connect the waters of the Wabash 1845, c. 42. with those of Lake Erie," for that portion of the canal between the mouth of the Tippecanoe river and Terre Haute, as returned by said State to the Secretary of the

Treasury.

SEC. 2. And be it further enacted, That should any of Indiana ausaid lands, at the time of their selection and location by other lands in the State, have been subject to any right of pre-emption, ject to preempor other legal incumbrance, the State of Indiana shall be, tion, etc. and she hereby is, authorized to select, of any lands subject to private entry in said State, other lands in lieu of so much thereof as may be so incumbered, and, upon return of a description of the same to the Secretary of the Treasury, the same shall be, and hereby is, confirmed to the State: Provided, That no more land shall be selected, or hereby confirmed, than a quantity equal to one half of five sections in width on each side of said canal, from the mouth of the Tippecanoe river to Terre Haute.

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Approved, February 27, 1841.

CHAP. 24.—An Act Making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and forty-one.

Mar. 3, 1841. Vol. 5, p. 415.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, construction, and incidental and contingent expenses of certain fortifications, in the year eighteen hundred and forty-one, viz.:

For repairs of sea-wall on Deer island, Boston harbor, Deer Island. one thousand five hundred dollars;

Rainsford Is- For repairs of sea-wall on Rainsford island, Boston har-bor, one thousand dollars:

St. Augustine, For continuing sea-wall at St. Augustine, fifteen thousand dollars;

Approved, March 3, 1841.

Mar. 3, 1841. Vol. 5, p. 415. **CHAP.** 25.—An Act To provide for the support of the Military Academy for the year one thousand eight hundred and forty-one.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \* Balance due Sec. 2. And be it further enacted, That there be, and forsteamdredges hereby is, appropriated, to be paid out of any money in on Lake Michi the Treasury not otherwise appropriated, the sum of four thousand three hundred and sixty-nine dollars, to pay a

thousand three hundred and sixty-nine dollars, to pay a balance certified by the Topographical Bureau to be due to Lyon and Howard, as the balance upon a contract for building two steam dredging machines upon Lake Michigan.

Approved, March 3, 1841.

Mar. 3, 1841. Vol. 5, p. 433. **CHAP.** 36.—An Act Making appropriations for the support of the Army for the year one thousand eight hundred and forty-one.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army for the year one thousand eight hundred and forty-one;

For removing Red River raft.

\* \* \* for removing the raft of Red river under the direction of the Secretary of War seventy-five thousand dollars;

Approved, March 3, 1841.

Sept. 4, 1841. Vol. 5, p. 453. CHAP. 16.—An Act To appropriate the proceeds of the sales of the public lands, and to grant pre-emption rights.

Be it enacted by the Senate and House of Representatives of to be paid 10 per the United States of America in Congress assembled, That cent on net pro-from and after the thirty-first day of December, in the year ceeds of sales of public 1 and so of our Lord one thousand eight hundred and and forty-one, therein, in addit there be allowed and paid to each of the States of Ohio, are entitled by Indiana, Illinois, Alabama, Missouri, Mississippi, Louicertain compacts.

Siana, Arkansas, and Michigan, over and above what each of the said States is entitled to by the terms of the compacts entered into between them and the United States, upon

 $\mathbf{whatever.}$ 

their admission into the Union, the sum of ten per centum upon the nett [sic] proceeds of the sales of the public lands. which, subsequent to the day aforesaid, shall be made within the limits of each of said States respectively: Provided, Said sum not That the sum so allowed to the said States, respectively, applied to Cumshall be in no wise affected or diminished on account of berland road. any sums which have been heretofore, or shall be hereafter. applied to the construction or continuance of the Cumberland road, but that the disbursements for the said road shall remain, as heretofore, chargeable on the two per centum fund provided for by compacts with several of the said States.

SEC. 8. And be it further enacted, That there shall be 500,000 acres of land to be grantgranted to each State specified in the first section of this act ed to States spe-five hundred thousand acres of land for purposes of internal for internal imimprovement: Provided, that to each of the said States provements.

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which has already received grants for said purposes, there Grants heretofore made for is hereby granted no more than a quantity of land which such purposes to shall, together with the amount such State has already re-be included in said 500,000. ceived as aforesaid, make five hundred thousand acres, the selections in all of the said States, to be made within their limits respectively in such manner as the Legislatures there-wheretobemade, of shall direct; and located in parcels conformably to sec-and how. tional divisions and subdivisions, of not less than three hun-how, where, and dred and twenty acres in any one location, on any public when. land except such as is or may be reserved from sale by any law of Congress or proclamation of the President of the United States, which said locations may be made at any time after the lands of the United States in said States respectively, shall have been surveyed according to existing laws. And there shall be and hereby is, granted to each new State that shall be hereafter admitted into the Union, ed to new states upon such admission, so much land as, including such quantity after be admitted into the Union, ed to new states upon such admission, so much land as, including such quantitat shall hereafter be admittity as may have been granted to such State before its ted. admission, and while under a Territorial Government, for purposes of internal improvement as aforesaid, as shall make five hundred thousand acres of land, to be selected and located as aforesaid.

SEC. 9. And be it further enacted, That the lands herein said lands not lobe sold for less granted to the States above named shall not be disposed than \$1.25 per of at a price less than one dollar and twenty-five cents per acre. acre, until otherwise authorized by a law of the United States; and the nett [sic] proceeds of the sales of said lands to be faithfully shall be faithfully applied to objects of internal improve-applied to internal improve-ment within the States aforesaid, respectively, namely: ments—objects Roads, railways, bridges, canals and improvement of specified. water-courses, and draining of swamps; and such roads, be free for transrailways, canals, bridges and water-courses, when made portation of the United States or improved, shall be free for the transportation of the mail, etc. United States mail, and munitions of war, and for the passage of their troops, without the payment of any toll

The 2 per cent relinquished to able when.

1819. c. 47.

The 2 per cent relinquished to Alabama-pay-cent. of the nett [sic] proceeds of the lands sold by the United States, in the State of Alabama, since the first day of September, eighteen hundred and nineteen, and reserved by the act entitled "An act to enable the people of the Alabama Territory to form a constitution and State government, and for the admission of such State into the Union on an equal footing with the original States," for the making of a road or roads leading to the said State. be, and the same is hereby, relinquished to the said State of Alabama, payable in two equal instalments, the first to be paid on the first day of May, eighteen hundred and forty-two, and the other on the first day of May, eighteen hundred and forty-three, so far as the same may then have accrued, and quarterly, as the same may thereafter accrue:

[1841.

tion.

Proviso. Alabama first Provided, That the Legislature of said State shall first to pass act ac pass an act, declaring their acceptance of said relinquish-cepting same and montain and also are the same may there are the same may the same and relinquisheand ment, and also embracing a provision, to be unalterable embracing cer-ment, and also emoracing a provision, to be unatterable tain provision without the consent of Congress, that the whole of said two for its applicaper cent. fund shall be faithfully applied, under the direction of the Legislature of Alabama, to the connection, by some means of internal improvement, of the navigable waters of the bay of Mobile with the Tennessee river, and to the construction of a continuous line of internal improvements from a point on the Chattahoochie river, opposite West Point, in Georgia, across the State of Alabama, in a direction to Jackson, in the State of Mississippi.

Approved, September 4, 1841.

Sept. 9, 1841. Vol. 5, p. 458.

CHAP. 17.—An Act Making appropriations for various fortifications, for ordnance, and for preventing and suppressing Indian hostilities.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, namely:

St. Augustine.

For continuing sea-wall at Saint Augustine, Florida, five thousand dollars;

Sec. 3. And be it further enacted, That the following sums be in like manner appropriated:

Arrearages for ads. harbors, roads, rivers, etc.

For arrearages due for roads, harbors, and rivers, where public works and improvements have hitherto been made, and for the protection of public property now on hand at these places, and for arrearages for surveys and completing maps authorized by act of March third, eighteen hundred and thirty-nine, forty thousand dollars;

No. 6. A Joint Resolution making it the duty of the Attorney-General to examine into the titles of the lands or sites for the purpose of erecting thereon armories and other public works and buildings, and for other purposes.

Sept. 11, 1841. Vol. 5, p. 468.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Attorney-Genit shall be the duty of the Attorney General of the United amination and States to examine into the titles of all the lands or sites report to Presiwhich have been purchased by the United States, for the Vol. 25, p. 94; purpose of erecting thereon armories, arsenals, forts, fortifications, navy vards, custom-houses, light-houses, or other public buildings of any kind whatever, and report his opinion as to the validity of the title in each case, to the President of the United States.

2. Resolved, That it shall be the duty of all the officers Title papers to be furnished to of the United States having any of the title papers to the Attorney-Gen-property aforesaid in their possession, to furnish them eral. forthwith to the Attorney General, to aid him in the

investigation aforesaid.

3. Resolved, That no public money shall be expended Public money of the expendence of the public money shall be expended Public money shall be expended Public money of the expendence of the expended Public money of the upon any site or land hereafter to be purchased by the ed on any site or United States for the purposes aforesaid, until the written purchased until, opinion of the Attorney General shall be had in favor of etc. the validity of the title, and also the consent of the Legislature of the State in which the land or site may be shall be given to said purchaser [a].

4. Resolved, That it shall be the duty of the District District attorneys of the United States, upon the application of assistance. the Attorney General, to furnish any assistance or infor-

mation in their power in relation to the titles of the public property aforesaid lying within their respective districts.

5. Resolved, That it shall be the duty of the Secretaries secretaries of of the Executive Departments, upon the application of the Executive Departments opro-Attorney General, to procure any additional evidence of cure additional title which he may deem necessary, and which may not be in the possession of the officers of Government; the expense of procuring which to be paid out of the appropriations made for the contingencies of the Departments respectively.

6. Resolved, That it shall be the duty of the Secretaries Secretaries of Executive Deof the Executive Departments, respectively, under whose partments to and direction any lands for the purposes aforesaid may have plyto State legislatures for jurishing the state of the purposes aforesaid may have plyto State legislatures for jurishing the state of the purposes aforesaid may have plyto State legislatures for jurishing the state of the purposes aforesaid may have plyto State legislatures for jurishing the state of the sta been purchased, and over which the United States do not diction over said possess jurisdiction, to apply to the Legislatures of the States in which the lands are situated, for a cession of jurisdiction, and in case of refusal, to report the same to Congress at the commencement of the next session thereafter.

Approved, September 11, 1841.

a See act approved Apr. 24, 1888, page 479 hereof.

June 4, 1842. Vol. 6, p. 829.

CHAP. 35.—An Act For the relief of the Plumb Island Bridge and Turnpike Company.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Tobepaid \$8,000 there be paid to the Plumb Island Bridge and Turnpike bridge across Company, of Newburyport, in the State of Massachusetts, out of any money in the Treasury not otherwise appropriated, the sum of eight thousand dollars, for the destruction of a bridge, occasioned by the construction of a breakwater by the United States.

Approved, June 4, 1842.

Aug. 23, 1842. Vol. 5, p. 508. CHAP. 183.—An Act Making appropriations for the support of the Army, and of the Military Academy, for the year one thousand eight hundred and forty-two.

Appropriations of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army for the year one thousand eight hundred and forty-two.

Arrearages and preservation of the public property at the several places of harbor and river improvement, fifteen thousand dollars.

SEC. 3. And be it further enacted, \* \* \*

Improvements on western rivers.

For building and repairing the necessary boats, and for carrying on the improvements on the Missouri, Mississippi, Ohio, and Arkansas rivers, one hundred thousand dollars,

Preservation under the direction of the Secretary of War; and, for the works for impreservation and repairs of public works heretofore conprovement of structed for the improvement of harbors, thirty thousand dollars.

Approved, August 23, 1842.

Aug. 31, 1842. Vol. 5, p. 582. CHAP. 288.—An Act Making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and forty-two.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, and construction of certain fortifications, in the year eighteen hundred and forty-two, viz.:

Deer Island.

For repairs of sea-wall on Deer Island, Boston harbor, two thousand dollars.

Approved, August 31, 1842.

CHAP. 45.—An Act To continue in force an Act therein mentioned, Feb. 24, 1843. relating to the port of Baltimore. Vol. 5, p. 602.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That 1800, c. 15, so far the act passed the seventeenth day of March, one thousand as relates to eight hundred, entitled "An act declaring the assent of edandcontinued Congress to certain acts of the States of Maryland and act Jan. 19, 1861, Georgia," and which by subsequent acts has been revived c.11. and continued in force until the third of March, one thousand eight hundred and forty-three, be, and the same, so far as it relates to the act of the State of Maryland, is hereby revived and continued in force until the first day of June, in the year one thousand eight hundred and fifty: Provided, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam employed in the transportation of passengers.

Proviso. 1850, c. 17.

Approved, February 24, 1843.

CHAP. 52.—An Act Making appropriations for the support of the Army and of the Military Academy, and for armories, arsenals, arms and munitions of war, and surveys, for the half calendar year ending the thirtieth day of June, one thousand eight hundred and forty-three, and for the fiscal year beginning the first day of July, one thousand eight hundred and forty-three, and ending the thirtieth day of June, one thousand eight hundred and forty-four.

Mar. 1. 1843. Vol. 5, p. 604.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army and of the military academy, and for armories, arsenals, arms and munitions of war, and surveys, for the half calendar year, commencing on the first day of January, and ending the thirtieth day of June, one thousand eight hundred and forty-three, and for the fiscal year beginning the first day of July, one thousand eight hundred and forty-three, and ending the thirtieth day of June, one thousand eight hundred and forty-four:

Surveys.

For surveys in reference to the military defences of the frontier, inland and Atlantic, for the said fiscal year, including a survey of the direct communication from Albemarle Sound to the Atlantic ocean, with a view to re-open a ship channel[a], fifteen thousand dollars.

The report on this item had reference to connecting Croatan and Roanoke sounds with the ocean by the reopening of Roanoke Inlet, at Nags Head, N. C.

H. Doc. 425, 58-3---7

Improvements on western riv-ATG

For the continuation of improvements on the Missouri, Mississippi, Ohio and Arkansas rivers, for said half year, fifty thousand dollars; and for said fiscal year, one hundred thousand dollars.

Approved, March 1, 1843.

Mar. 1, 1843. Vol. 6, p. 888. CHAP. 67.—An Act For the relief of George Randall, John C. Haskell, and Elisha H. Holmes.

Be it enacted by the Senate and House of Representatives. To be paid for of the United States of America, in Congress assembled, That saybrook, Con-the Secretary of the Treasury be, and he is hereby, dinecticut River. rected to pay to George Randall, John C. Haskell, and Elisha H. Holmes, or their legal representatives, the sum of three thousand four hundred and seventy-one dollars. and fifty-seven cents, out of any money in the treasury not otherwise appropriated, being the amount of labor bestowed and expenses incurred by them as contractors for removing the bar at Saybrook, in the state of Connecticut, over and above the amount appropriated by the twenty-fourth Congress for that purpose.

Approved, March 1, 1843.

Mar. 3, 1843. Vol. 5, p. 607.

CHAP. 70.—An Act Making appropriations for certain fortifications of the United States for the half calendar year beginning on the first day of January and ending on the thirtieth day of June, one thousand eight hundred and forty-three; and for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-three and ending on the thirtieth day of June, one thousand eight hundred and forty-four.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, and construction of certain fortifications, for the half calendar year beginning on the first day of January, and ending on the thirtieth day of June, one thousand eight hundred and fortythree; and for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-three, and ending on the thirtieth day of June, one thousand eight hundred and forty-four:

Lovells Island.

For sea-wall on Lovell's island, Boston harbor, for the said fiscal year, sixteen thousand dollars.

Approved, March 3, 1843.

CHAP. 85.—An Act For the protection of commerce on Lake Michigan.

Mar 3 1843. Vol. 5, p. 619.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums of money be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the protection of commerce on Lake Michigan.

For the half calendar year from the first of January to thirtieth June, eighteen hundred and forty-three; and for the fiscal year from the first day of July, eighteen hundred and forty-three, to the thirtieth June eighteen

hundred and forty-four, viz:

For the construction of a harbor at the most suitable Milwaukee situation at or near Milwaukie in the Territory of Wisconsin, to be made under the survey of an officer to be appointed by the Secretary of War, for the said half calendar year, fifteen thousand dollars; and for the said fiscal year. fifteen thousand dollars.

For continuing the public works at the harbor of Chicago, bor, bor, in the State of Illinois, for the said half calendar year, ten thousand dollars; and for the said fiscal year, fifteen thousand dollars.

For continuing the public works at the harbor of St. Harbor. Joseph in the State of Michigan; for the said half calendar year, ten thousand dollars; and for the said fiscal year, fifteen thousand dollars.

Sec. 2. And be it further enacted, That before the money wankee Harbor. hereby appropriated for the construction of a harbor at or near said Milwaukie, shall be expended, the corps of topographical engineers shall select from actual examination and survey the point of location of said harbors.

Approved, March 3, 1843.

## CHAP, 147.—An Act For the relief of Samuel Weller.

Mar. 3, 1843. Vol. 6, p. 898.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That To be paid for the accounting officers of the treasury department be, and nished for break. they are hereby, directed and required to ascertain the burg. quantity of timber, stone and other materials delivered by Samuel Weller, after the twentieth of March, one thousand eight hundred and thirty-nine, for the construction of a breakwater at the harbor at Plattsburg, Lake Champlain. New York, under certain agreements made with the superintendent for the construction of said breakwater, in the summer or fall of one thousand eight hundred and thirty-eight, and of the eighth of February, one thousand eight hundred and thirty-nine; and when the quantity is so ascertained of the size and quality described in said

contracts, that the Secretary of the Treasury be, and he is hereby, authorized and directed to pay to said Samuel Weller, the prices stipulated in said contracts for the same, out of any moneys in the treasury not otherwise appropriated.

Approved, March 3, 1843.

June 11, 1844.

CHAP. 44.—An Act Making appropriations for the improvement Vol. 5, p. 661. of certain harbors and rivers.

> Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for the prosecution and completion of the following works, viz:

Ohio River.

For the improvement of the Ohio river between Pittsburg and the Falls of Louisville, one hundred thousand dol-

For the improvement of the Ohio river below the Falls at Louisville, and of the Mississippi, Missouri, and Arkansas rivers, one hundred and eighty thousand dollars:

For removing obstructions to the navigation in the har Harbor of St. Louis. bor of St. Louis, twenty-five thousand dollars:

For the continuation of the breakwater structure at Bur-Breakwater at Burlington, Vt. lington, Lake Champlain, State of Vermont, ten thousand dollars:

For the continuation of the breakwater structure at Breakwater at Plattsburg, N. Y. Plattsburg, on Lake Champlain, State of New York, ten thousand dollars:

Port Ontario. For the continuation of the works at Port Ontario, Lake Ontario, five thousand dollars:

Harbor of Os-wego, N. Y. For the continuation of the works at the harbor of Oswego, Lake Ontario, State of New York, twenty thousand dollars:

Genesee River For the further removal of obstructions at the mouth of (Charlotte Har-bor), N. Y. the Genesee river, in the State of New York, ten thousand

Oak Orchard For the continuation of the work at Oak Orchard Creek. Creek. Lake Ontario, five thousand dollars:

Great Sodus For continuing the improvement at Big Sodus bay, Lake Bav. Ontario, five thousand dollars:

Harbor at Buf-For continuation and enlargement of the present harbor falo, N. Y. at Buffalo, State of New York, forty thousand dollars:

Dunkirk, N. Y. For continuation of the works at Dunkirk, State of New York, five thousand dollars:

Erie Harbor. For continuation of the works at the harbor of Erie, on Lake Erie, forty thousand dollars:

Conneaut Har-For the continuation of the works at Conneaut harbor, bor, Ohio. in the State of Ohio, five thousand dollars:

Harbor of Ash-For continuing the improvement of the harbor at Ashtatabula, Ohio. bula, Ohio, five thousand dollars:

For the further improvement of Grand River harbor, in Farand River e State of Ohio, ten thousand dollars: the State of Ohio, ten thousand dollars:

For continuing the works at the Huron harbor, on Lake

Erie, five thousand dollars:

For the continuation of the works at the harbor of Cleve-Harbor of Cleveland, Onio.

land, Ohio, twenty-five thousand dollars:

For the preservation of the harbor at Sandusky city, Ohio, Harbor of Sandusky, Ohio, dusky, Ohio, and improving the same, fifteen thousand dollars, the same to be expended under the orders of the Secretary of War. and according to such plan of improvement as may be recommended by him:

For the further improvement of River Raisin harbor, River Raisin harbor, Monroe Harbor), Mich.

Michigan, twenty thousand dollars:

For the further improvement of the harbor at St. Joseph, Harbor of St.

Michigan, twenty thousand dollars:

For continuing the improvement of the harbor of Michi-HarborofMic igan City, Ind. HarborofMichgan city. State of Indiana, twenty-five thousand dollars:

For the further improvement of the harbor of Chicago, Gago, Ill.

Illinois, thirty thousand dollars:

For continuing the works at the harbor at Milwaukie, waukee. Wis. Harbor of Mil-

Wisconsin, twenty thousand dollars:

For the preservation and repair of harbors on the lakes, lakes not enumother than those enumerated, the construction of which has erated, but aubeen authorized by law, and which have been partially completed, twenty thousand dollars.

Approved, June 11, 1844.

**CHAP.** 50.—An Act Granting a section of land for the improvement of Grant River at the town of Potosi, in Wisconsin Territory.

June 15, 1844. Vol. 5, p. 663.

Harbor of Chi- .

·VEHSI

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That one section of there be, and hereby is, granted to the Territory of Wiscon-be divided into sin, section number thirty-four, in township number three lots and disposed north, in range number three west, of the fourth principal meridian in the said Territory, for the purpose of improving Grant river, known as the Grant Slue, at the town of Potosi, in the said Territory, and for no other use or purpose whatever: and the said land shall be surveyed, and divided into lots, and shall be sold and disposed of in such manner, and under such regulations and restrictions, as the That in disposing of the same, pre-emption rights shall be rightstobegrant granted to actual settlers and occupants residing on said ed to actual setlers, at the time of the passage of this act, according to the provisions and restrictions in the part section.

Sec. 2. And be it further enacted, That the Surveyor-to be appointed General of Wisconsin and Iowa, shall appoint three disin-tovalueoccupied terested commissioners, whose duty it shall be to view and lots and occuramine all the lots which are actually occupied and im-sessed value proved and appears the true value of said lots without taking. proved, and assess the true value of said lots, without taking into the estimation, any of the improvements on the same;

and the occupants of said lots, by paying, within one year from the passage of this act, the assessed value as aforesaid of their respective lots, shall be entitled to the right of pre-emption as aforesaid; and upon the failure of any, or all said occupants to do so, the said lot or lots to the extent of such failure, shall be sold as other lots in said town: Provided, That the said occupants may at any time before said lots are sold, pay the assessed value and thereby save their right of pre-emption aforesaid: And provided fur-Commissioners ther. That the said commissioners aforesaid shall, before

Proviso.

Proviso. to be sworn and sation.

receive compen they enter upon their duties as such, be sworn faithfully to discharge their duties according to the provisions of this act: and they shall receive a compensation for their services to be prescribed by the legislature of said Territory: Provided, That the whole compensation to said Commissioners shall not exceed the sum of one hundred and twenty dollars.

Proviso.

Approved, June 15, 1844.

June 15, 1844. Vol. 5, p. 668.

CHAP. 60.—An Act Making appropriations for certain improvements on the western shore of Lake Michigan.

Be it enacted by the Senate and House of Representatives Harbor at of the United States of America in Congress assembled, That Southport nosha), Wis. (Kethe sum of twelve thousand five hundred dollars be, and is hereby appropriated, out of any moneys in the treasury not otherwise appropriated, for the construction of a harbor at the town of Southport [a], in the Territory of Wisconsin.

Topographical Sec. 2. And be it further enacted. That the corps of topoengineers to segraphical engineers shall select, from actual examination lect location. and survey, the point of location of said harbor.

Money to be ex-SEC. 3. And be it further enacted, That the money hereby pended under direction of War appropriated shall be expended under the direction of the Department. War Department.

Approved, June 15, 1844.

June 15, 1844. Vol. 5, p. 668.

CHAP. 61.—An Act Making appropriations to aid in completing the harbor at Racine, on the western shore of Lake Michigan.

Be it enacted by the Senate and House of Representatives Appropriation of the United States of America in Congress assembled, That the sum of twelve thousand five hundred dollars be, and is hereby appropriated, to be paid out of any moneys in the treasury not otherwise appropriated, to aid in the completion of a harbor already commenced by the citizens of the town of Racine, at the mouth of Root river, in the Territory of Wisconsin.

To be expended under direction

Sec. 2. And be it further enacted, That the money hereby of War Depart appropriated shall be expended under the direction of the War Department.

Approved, June 15, 1844.

CHAP. 66.—An Act Making appropriation for certain improvements June 15, 1844. in the Territory of Iowa.

Vol. 5, p. 670.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That to be expended the following sums of money be, and they are hereby, appro-under direction priated, to be paid out of any money in the treasury not war. otherwise appropriated, to be expended under the direction of the Secretary of War.

For the improvement of the harbor at the town of Du-Dubuque Harbuque, seven thousand five hundred dollars; Provided, upon vided it will due examination and survey, under the direction of the make permanent Secretary of War, it shall appear that a permanent improvement can be accomplished and completed for this amount, so as to admit the landing of steamers of the largest class navigating the river at the town of Dubuque at all seasons of the year.

Approved, June 15, 1844.

CHAP. 67.—An Act Making appropriations for certain improvements in the Territory of Florida.

June 15, 1844. Vol. 5, p. 670.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That To be expendthe following sums be, and they are hereby appropri-tion of Secretary ated for improvements in the Territory of Florida, to be of War. expended under the direction of the Secretary of War,

For removal of obstructions to the navigation of the Choctawhatrivers Choctawhatchie, and Holmes, ten thousand dollars; rivers.

For connecting the waters of Indian river and Mos-Connecting Inquito lagoon, at the Haulover, one thousand five hundred Mosquito Ladollars:

For removal of obstructions in the navigation of the St. Marks River. river St. Mark's, above its confluence with the Wakulla river, two thousand five hundred dollars.

Approved, June 15, 1844.

CHAP. 85.—An Act For the relief of George M. Jones.

June 15, 1844. Vol. 6, p. 916.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Payment for blacksmith's the Secretary of the Treasury be, and he is hereby, di-work, etc., at he have the sum Nantucket Harrected to pay to George M. Jones, or his heirs, the sum bor, Mass. of three hundred and twenty dollars, and eighty-nine cents, out of any money in the treasury not otherwise appropriated, being the balance due him on his account of blacksmith work done, and materials furnished to Jonathan

Prescott, as agent of the United States, for the use of the dredging-machine while at work in removing the bar at Nantucket harbor in eighteen hundred and thirty-two.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916. CHAP. 87.—An Act For the relief of Gervis Foote.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Payment for the Secretary of the Treasury be, and he is hereby, dialivery of stone at Barcelona rected to pay to Gervis Foote, of the State of New York, (Portland). N. Y. or his heirs, the sum of eleven hundred and fifty dollars, out of any money in the treasury not otherwise appropriated, being the amount agreed to be paid to him by the agent of the United States, under his contract for the delivery of a certain quantity of stone on the bank of Lake Erie, at Barcelona [a], in eighteen hundred and thirty-eight, and eighteen hundred and thirty-nine.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916. CHAP. 88.—An Act For the relief of Samuel B. Folger.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Payment for the Secretary of the Treasury be, and he is hereby, diblacksmith's rected to pay to Samuel B. Folger, or his heirs, the sum of Nantucket Har five hundred and thirty-six dollars and seventy-four cents, out of any money in the treasury not otherwise appropriated, being the amount of his account of blacksmith work done, and materials furnished to Lieutenant Jonathan Prescott, for the use of the public works at Nantucket harbor, then under his charge as an officer in the engineer service of the United States, during the years eighteen hundred and thirty, eighteen hundred and thirty-one, and eighteen hundred and thirty-two.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916.

CHAP. 89.—An Act For the relief of Samuel B. Tuck.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment for the Secretary of the Treasury be, and he is hereby, dinantucket Harrected to pay Samuel B. Tuck or his heirs, a just and reasonable price for thirty and nineteen thirty-sixths chaldrons of Virginia coal delivered to Lieutenant Jonathan Prescott, as agent of the United States at Nantucket har-

bor, in the year one thousand eight hundred and thirtytwo, out of any money in the treasury not otherwise appropriated: *Provided*, The whole amount to be paid under this act shall not exceed the sum of four hundred and twelve dollars and twelve cents

Approved, June 15, 1844.

CHAP. 105.—An Act Making appropriations for the civil and diplomatic expenses of Government for the fiscal year ending the thirtieth day of June, eighteen hundred and forty-five, and for other purposes.

June 17, 1844.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \*

SEC. 2. And be it further enacted, That whenever, here—when usual after, in submitting to Congress the annual estimates from rially in amount the several Executive Departments of the Government, it from ordinary shall be found that the usual items of such estimates vary for that object, materially in amount from the appropriation ordinarily asked for the object named, and especially from the appropriation granted for the same objects for the year next preceding, and whenever new items not theretofore usual shall be introduced into such estimates for any year, the estimates shall be accompanied by minute and full explanations from the head of the appropriate department, of all such variations and new items, setting forth the reasons and grounds upon which the amounts are required, and the different items added: and whenever any such estimate, whether All estimates annual or special, shall ask an appropriation for any new for work requirespecific expenditure, such as the construction of a fort, the be accompanied with one. items added: and whenever any such estimate, whether erection of a custom-house, or other public building, or the construction of any other public work requiring a plan before the building or work can be properly completed, every such estimate shall be accompanied by a full plan and detailed estimates of the cost of the whole work; and all subsequent estimates for every such work shall give the original estimated cost, the aggregate amount theretofore appropriated for the same, and the amount actually expended thereupon, as well as the amount asked for the current year for which such estimates shall be made; and whenever any such subsequent estimates shall ask for an appropriation for any such work beyond the original estimate of the cost, the full reasons for the excess, and the extent of the anticipated excess. shall be also stated.

Approved, June 17, 1844.

Feb. 13, 1845. Vol. 6, p. 935.

CHAP. 11.-An Act For the relief of Gideon Batchelder and others.

Be it enacted by the Senate and House of Representatives To be paid for the Secretary of the Treasury pay, out of any money in the Bay breakwater treasury not otherwise appropriated, such sum as shall be (Rockport Harfound equitably due to Gideon Batchelder and others before). of the United States of America, in Congress assembled, That the proper accounting officer, for any stone delivered in the years one thousand eight hundred and thirty-eight and one thousand eight hundred and thirty-nine, towards the erection of Sandy Bay Breakwater, near Gloucester, Massachusetts, under the inspection and by the assent of the public agent there at that time: the price not to exceed the previous contract price, and none to be paid for which was so delivered after the year one thousand eight hundred and thirty-nine, or which was not suitable for the work, and useful either for its completion or preservation. Approved, February 13, 1845.

Feb. 26, 1845. Vol. 6, p. 936.

dividends.

CHAP. 21.—An Act For the relief of the president and directors of the Dismal Swamp Canal Company.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Authorized to the said company are hereby authorized to retain the dividends hereafter to be declared, and now on hand, on eight hundred shares held by the United States in the stock of said canal company, to be applied to refund the principal and interest on thirty-two thousand seven hundred and twelve dollars and thirty-two cents-moneys advanced by said company to complete the work originally undertaken, and partly executed, by the agents of the United States; and that the same be paid to the company before any of the dividends accruing on said stock be paid into the treasury of the United States.

Approved, February 26, 1845.

Mar. 3, 1845.

CHAP. 42.—An Act To grant certain lands to the State of Indiana, Vol. 5, p. 731. the better to enable the said State to extend and complete the Wabash and Erie Canal from Terre Haute to the Ohio River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Lands granted there be, and hereby is, granted to the State of Indiana, and Eric Canal. for the purpose of aiding said State in extending and com1827, c. 56; 1834, c. 12. the county of Vigo, in said State, to the Ohio river, at Evansville, in said State, as the course thereof has been established and surveyed by the authority of said State, one moiety of the public lands, (remaining unsold, and not otherwise disposed of, encumbered or appropriated.) in a

strip five miles in width on each side of said canal; to be selected by an agent or agents to be appointed by the Governor of said State, subject to the approval of the Secretary of the Treasury of the United States: reserving to Lands reserved. the United States each alternate section, (or other proper subdivision of said land.) from one end of said canal to the other; and before the selection, to be made as aforesaid by such agent or agents, shall be deemed to have been made and perfected, a chart or charts, showing the courses and to be reported to distances and points of termination of said canal, shall be General Land reported, or caused to be reported by the Governor of In-Office. diana, or by some person or persons by him appointed to the Commissioner of the General Land Office.

SEC. 2. And be it further enacted, That, for the purpose Lands granted in Vincennes dishereinbefore mentioned, there be, and hereby is, granted to trict. the said State, in addition to the grant hereinbefore provided for, one moiety of all the other lands in the Vincennes land district, in said State, and which remain, as aforesaid, unsold, and not otherwise disposed of, encumbered or appropriated, to be selected under the authority and by the direction of the Governor of said State: Provided, That, in Selection. the selection of the lands by this section provided for, no land shall be comprehended which, in and by the first section of this act, are (in alternate sections or other proper subdivisions) directed to be reserved as aforesaid; and the lands so selected shall be reported, or cause to be reported, to be reported to by the Governor of said State, to the register of the land register. office at Vincennes, before such selection shall be deemed to be made and completed.

SEC. 3. And be it further enacted, That all the lands, by lands granted by the first and second sections of this act granted as aforesaid, secs. 1 and 2 of shall, after the selections thereof shall have been made and completed as aforesaid, be subject to be disposed of by the General Assembly of said State, for the purpose aforesaid, and no other; and the President shall direct the further sales of the public lands, in the Vincennes land district vincennes disaforesaid, to be suspended until the Governor of said State trict suspended. shall have caused the selections aforesaid to be made and perfected as aforesaid, and shall have notified the Secretary of the Treasury thereof: Provided, That such suspension shall not continue longer than twelve months from and after the passing of this act.

SEC. 4. And be it further enacted, That the said canal to have use of the when completed, shall be and forever remain a public high-canal free. way for the use of the Government of the United States, free from any toll or other charge whatever, for any property of the United States, or persons in their service, passing through or along the same; and shall be completed can be passing through or along the same; and shall be completed in to be within fifteen years from and after the passing of this act, years, or land to within fifteen years from and after the passing of this act, years, or land to be passing of this act, years, or land to be passing of this act, years, or land to be passing through or along the same; and shall be completed completed in the passing of this act, years, or land to be passing through or along the same; and shall be completed in the passing through or along the same; and shall be completed in the passing of this act, years, or land to be passing through or along the same; and shall be completed in the passing of this act, years, or land to be passing through the passing of this act, years, or land to be passing through the passing of this act, years, or land to be passing through the passing through the passing of this act, years, or land to be passing through the passing or the State shall be holden to pay to the United States states. the amount of the price or prices for which any and all of said land which may have been disposed of by said State may have sold; and such of said lands as may not have been thus disposed of shall, from and after said fifteen

years, if said canal should not then have been completed,

Price of lands revert to and again become the property of the United
States: Provided always, That it shall not be competent
for the said General Assembly to dispose of said lands,
or any of them, at a price lower than, for the time being,
shall be the minimum price of other public lands.

Approved, March 3, 1845.

Mar. 3, 1845. Vol. 6, p. 940.

CHAP. 57.—An Act For the relief of Philip Schwartztrawber of Ohio.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled. That To be paid for the Secretary of the Treasury is authorized to pay to Philip booms on Red Schwartztrawber, for his services in taking care of the booms left on Red river by Captains Tyson and Shreve, the sum of two hundred and forty dollars, out of any money in the treasury not otherwise appropriated.

Approved, March 3, 1845.

Mar. 3, 1845. Vol. 5, p. 743. CHAP. 63.—An Act Making appropriations for certain fortifications of the United States, for the year ending on the thirtieth of June, eighteen hundred and forty-six.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby appropriated, to be paid out of any unappropriated money in the Treasury for the preservation, repairs, and construction of certain fortifications for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-five, and ending on the thirtieth day of June, one thousand eight hundred and forty-six:

St. Augustine, Fla.

For completing the sea-wall at St. Augustine, including the transfer of the sum of one thousand one hundred and thirty-three dollars and four cents, being a balance remaining in agent's hands of an appropriation for the repairs of Fort Marion, six thousand four hundred dollars;

Approved, March 3, 1845.

Mar. 3, 1845. Vol. 5, p. 748. **CHAP. 67.**—An Act To continue the harbor improvement already commenced at the town of Southport[a], in the town of Southport, in the Territory of Wisconsin.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of fifteen thousand dollars be, and the same is

hereby appropriated, out of any money in the treasury not otherwise appropriated, for the purpose of aiding in the completion of the harbor already commenced at the town of Southport, in the Territory of Wisconsin; and that the same be expended under the direction of the War Department.

Approved, March 3, 1845.

CHAP. 73.—An Act Making appropriations for certain improvements in the Territory of Iowa.

Mar. 3, 1845. Vol. 5, p. 778,

Be it-enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and they are hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the improvement and construction of the following roads in the Territory of Iowa, to wit:

For the improvement of the harbor at the town of Du-Harbor at Du-buque, Iowa. buque, in addition to the appropriation of last year, seven thousand dollars.

Approved, March 3, 1845.

CHAP. 103.—An Act Granting certain lands to the Territory of Aug. 8, 1846. Iowa, to aid in the improvement of the navigation of the Des Moines Vol. 9, p. 77. River, in said Territory.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That granted to Iowa there be, and hereby is, granted to the Territory of Iowa, or improvement for the purpose of aiding said Territory to improve the River navigation of the Des Moines river from its mouth to the Racoon Fork, (so called,) in said Territory, one equal moiety, in alternate sections, of the public lands, (remaining unsold, and not otherwise disposed of, encumbered, or appropriated,) in a strip five miles in width on each side of said river; to be selected within said Territory by an agent or agents to be appointed by the governor thereof, subject to the approval of the Secretary of the Treasury of the United States.

SEC. 2. And be it further enacted, That the lands hereby veyedordisposed granted shall not be conveyed or disposed of by said Terri-of, except in certory, nor by any State to be formed out of the same, except as said improvements shall progress; that is, the said Territory or State may sell so much of said lands as shall produce the sum of thirty thousand dollars, and then the sale shall cease, until the governor of said Territory or State shall certify the fact to the President of the United States, that one-half of said sum has been expended upon said improvement, when the said Territory or State may sell and convey a quantity of the residue of said lands, sufficient to replace the amount expended, and thus the sales shall

progress as the proceeds thereof shall be expended, and the fact of such expenditure shall be certified as aforesaid.

Des Moines iver declared

1870, c. 7.

Proviso.

SEC. 3. And be it further enacted, That the said river Des River declared Moines shall be and forever remain a public highway for the use of the Government of the United States, free from any toll or other charge whatever for any property of the United States, or persons in their service passing through or along the same: Provided always, That it shall not be competent for the said Territory or future State of Iowa to dispose of said lands, or any of them, at a price lower than. for the time being, shall be the minimum price of other public lands.

Lands to be-

Proviso.

SEC. 4. And be it further enacted. That whenever the Tercome property of Iowa shall be admitted into the Union as a State, sion into Union the lands hereby granted for the above purpose shall be and become the property of said State, for the purpose contemplated in this act, and no other: Provided, The legislature of the State of lowa shall accept the said grant for the said purpose.

Approved, August 8, 1846.

Aug. 8, 1846. Vol. 9, p. 83.

CHAP. 170.—An Act To grant a certain quantity of land to aid in the improvement of the Fox and Wisconsin rivers, and to connect the same by a canal, in the Territory of Wisconsin.

consin rivers. 1849, c. 86.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Grant of land there be, and hereby is, granted to the State of Wisconto aid in improving Fox and Wissin, on the admission of such State into the Union, for the purpose of improving the navigation of the Fox and Wisconsin rivers, in the Territory of Wisconsin, and of constructing the canal to unite the said rivers, at or near the portage, a quantity of land equal to one-half of three sections in width, on each side of the said Fox river, and the lakes through which it passes, from its mouth to the point where the portage canal shall enter the same, and on each side of said canal from one stream to the other, reserving the alternate sections to the United States, to be selected under the direction of the governor of said State, and such selection to be approved by the President of the The said rivers, when improved, and the United States. United States said canal, when finished, shall be and forever remain a to use rivers and public highway for the use of the Government of the canal free from public highway for the use of the Government of the toll.

United States, free from any toll or other charge whatever

the United States, or persons in their service passing upon or along the same: Provided, The said alternate sections, Price of lands, reserved to the United States, shall not be sold at a less

for the transportation of the mails, or for any property of

rate than two dollars and fifty cents the acre: Provided, Preemptive also, That no preemptive claim to the lands so reserved shall give the occupant, or any other person claiming through or under him, a right to said lands at any price less than the price fixed in this act, at the time of the settlement on said lands.

SEC. 2. And be it further enacted, That as soon as the Lands to become property of Territory of Wisconsin shall be admitted as a State into Wisconsin. the Union, all the lands granted by this act shall be and become the property of said State for the purpose contemplated in this act, and no other: Provided, That the Legislature to legislature of said State shall agree to accept said grant fix price of land upon the terms specified in this act; and shall have power at not less than \$1.25 per acre. to fix the price at which said lands shall be sold, not less than one dollar and twenty-five cents the acre; and to adopt such kind and plan of improvement on said route as the said Legislature shall from time to time determine for lands hereby granted shall not be conveyed or disposed of quantities sold. by said State except as said in the conveyed or disposed of quantities sold. by said State, except as said improvements shall progress: that is, the said State may sell so much of said lands as shall produce the sum of twenty thousand dollars, and then the sales shall cease until the governor of said State shall certify the fact to the President of the United States. that one-half of said sum has been expended upon said improvements, when the said State may sell and dispose of a quantity of said lands sufficient to reimburse the amount expended; and thus the sales shall progress as the proceeds thereof shall be expended, and the fact of such expenditure certified in the manner herein mentioned.

SEC. 3. And be it further enacted, That the said im- Title of purprovement shall be commenced within three years after chasers under the said State shall be admitted into the Union, and completed within twenty years, or the United States shall be entitled to receive the amount for which any of said lands 1867, Res. No. 2. may have been sold by said State: Provided, That the title of purchasers under the sales made by the State in pursuance of this act shall be valid.

Approved, August 8, 1846.

CHAP. 175.—An Act Making appropriations for the civil and diplomatic expenses of Government, for the year ending the thirtieth day of June, eighteen hundred and forty-seven, and for other purposes.

Aug. 10, 1846. Vol. 9, p. 85.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums be, and hereby are, appropriated to the June 30, 1847. objects hereinafter expressed, for the year ending the thirtieth day of June, eighteen hundred and forty-seven, to be paid out of any unappropriated money in the Treasury, viz.:

Miscellaneous.—

Miscellaneous.

For reducing and preparing for publication, under a publication resolution of the Senate, plans and drawings, made by the plans and drawings. officers of the Topographical Bureau, for the improvement of harbors, rivers, &c., four thousand nine hundred and eighty-eight dollars.

Approved, August 10, 1846.

Mar. 2, 1847. Vol. 9, p. 149,

CHAP. 35.—An Act Making appropriations for the support of the Army and of Volunteers for the year ending the thirtieth June, one thousand eight hundred and forty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. \* \* \*

Deficiencies.

SEC. 2. And be it further enacted, That the following sums be, and the same are hereby appropriated, to supply deficiencies in appropriations made for the service of the present fiscal year, under the following heads, viz:

For deficiency of former appropriations for the improve-Cape River. ment of Cape Fear river, six hundred and one dollars and ninety-two cents.

Deficiency River. 1838, c. 59.

For deficiency of appropriation for removing the great appropriation for reactive approved April twen-removing great raft of Red river, made by the act approved April twen-raft of Red tieth, eighteen hundred and thirty-eight, seven thousand one hundred and fifty dollars, being the amount advanced by Daniel T. Witlee and others, through the branch of the Real Estate Bank of Washington, Arkansas, to Henry M. Shreve, government agent for such removal, and expended by him for that purpose.

Approved, March 2, 1847.

Mar. 3, 1847. Vol. 9, p. 155.

CHAP. 47.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year ending the thirtieth day of June, one thousand eight hundred and forty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums be, and hereby are, appropriated to for year ending June 30, 1848. the objects hereinafter expressed, for the year ending the thirtieth day of June, one thousand eight hundred and forty eight, to be paid out of any unappropriated money in the treasury, namely:

Miscellaneous.

 $\it Miscellaneous.$ -

To pay Swan and Palmer for work executed by them at Swan & Palmer for work done on "Twin Island," on the River Ohio, above the falls, six thousand four hundred and seventy-nine dollars, and twenty-five cents: Provided, The account be first settled Proviso. by the proper accounting officer of the Treasury Department.

Approved, March 3, 1847.

CHAP. 67.—An Act Giving the consent of Congress to an Act of the general assembly of Virginia authorizing the levy of tolls on the James River.

Mar. 3, 1847. Vol. 9, p. 204.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Assent of Conthe consent of Congress be, and the same is hereby, given I egislature of to an act passed by the General Assembly of the State of Virginia author-Virginia, on the fifth day of March, eighteen hundred and of tolls on James River. forty-six, entitled "An act to incorporate a Company to remove the bars in James river between the city of Richmond and Bermuda Hundred," and that the authority as conferred by the said act on the company thereby created. to demand and receive the tolls therein specified on vessels navigating the said river, "on condition only that the same shall have been made navigable in any season at high water from Rochell's Landing, at the city of Richmond, to Bermuda Hundred, in the county of Chesterfield, by vessels drawing eleven feet and an half foot water," be and the same is hereby, sanctioned and confirmed: Provided, how-modification or ever, and this assent is given on that express condition, that repeal. Congress may, at any time hereafter, repeal or modify the provisions of this act.

Approved, March 3, 1847.

CHAP, 86.—An Act For the relief of Josiah Haskell.

Mar. 3, 1847. Vol. 9, p. 696.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Josiah Haskell to be paid 8645.30 the Secretary of the Treasury be, and he is hereby, directed for services on to pay, out of any moneys in the treasury not otherwise Sandy Bay appropriated, the sum of six hundred and forty-five dollars (Rockport Harand thirty cents to Josiah Haskell, it being in full compensation for his services on the Sandy Bay breakwater, within the Commonwealth of Massachusetts.

Approved, March 3, 1847.

CHAP. 105.—An Act Making appropriations for certain fortifications of the United States, for the year ending the thirtieth of June, one thousand eight hundred and forty-nine.

July 20, 1848. Vol. 9, p. 248.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the preservation, repairs, and construction of certain fortifications, for the year ending the thirtieth day of June, one thousand eight hundred and forty-nine;

For protection of Great Brewster Island, and security Great Brewster and defence of the principal ship channels into the harbor Island. of Boston, Massachusetts, forty thousand dollars: Provided,

That no portion of said sum of forty thousand dollars shall be expended for the objects aforesaid, until the United States shall procure a good and valid title to so much of said Great Brewster Island as may be necessary to the construction of the proposed fortifications:

Approved, July 20, 1848.

Aug. 11, 1848. Vol. 9, p. 281.

CHAP. 152.—An Act To authorize the State of Alabama to apply certain lands heretofore granted to that State for internal improvements, for the use of schools in the valueless sixteenth sections in said

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That Certain, lands the lands granted to the State of Alabama for purposes granted Alabama for internal improvement, by the eighth section of the provements may act entitled "An Act to appropriate the proceeds of State for use of the sales of the public lands, and to grant preemption schools.

Act sept. 4, rights," approved September fourth, eighteen hundred 1841, c. 16. and forty-one, may be, and the same are hereby, placed at the disposal of the legislature of said State, at such price as said legislature may direct, to be applied for the use of schools in such townships of said State as in which the sixteenth or school sections are comparatively valueless, and the legislature may locate said lands in any legal subdivisions, not less than forty acres, within the limits of said State.

Approved, August 11, 1848.

Mar. 2, 1849. Vol. 9, p. 352.

CHAP. 86.—An Act In relation to the Fox and Wisconsion River Reservation, in the State of Wisconsin.

firmed. 1846. c. 170.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Certain entries all land entries made in the Green Bay land district, in the land district con-State of Wisconsin, upon the odd-numbered sections of the Fox and Wisconsin River reservation, in said State, subsequent to the passage of an act entitled "An Act to grant a certain quantity of land to aid in the improvement of the Fox and Wisconsin Rivers, and connect the same by canal, in the Territory of Wisconsin," approved on the eighth day of August, eighteen hundred and forty-six, be, and the same are hereby, declared to be good and valid as though said act had not been passed: Provided, nevertheless, That the governor of said State is hereby authorized to select the same quantity of other lands in lieu thereof; subject, however, to the approval of the President of the United States.

Proviso.

Certain other entries firmed.

Sec. 2. And be it further enacted, That all similar entries made upon the even-numbered sections of said reservations be also declared to be as good and valid as though said reservation had not been made.

Approved, March 2, 1849.

CHAP. 100.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year ending the thirtieth of June, eighteen hundred and fifty, and for other purposes.

Mar. 3, 1849.
Vol. 9, p. 354.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums be, and hereby are, appropriated out June 30, 1850. of any money in the treasury not otherwise appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty, namely:—

Miscellaneous.— \* \* \*

Miscellaneous.

To enable the Secretary of War to execute the survey Marcy of Poto-and examination of the Potomac River, order by a resolution of the House of Representatives of the eighth August, eighteen hundred and forty-eight, fifteen hundred dollars.

Approved, March 3, 1849.

CHAP. 102.—An Act Making appropriations for certain fortifications of the United States, for the year ending the thirtieth of June, one thousand eight hundred and fifty.

Mar. 3, 1849. Vol. 9, p. 373.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the preservation, repairs, and construction of certain fortifications, for the year ending the thirtieth of June, one thousand eight hundred and fifty:

For repairs of sea-wall, St. Augustine, five thousand Augustine, Fla. dollars.

Approved, March 3, 1849.

CHAP. 144.—An Act For the relief of James Moorehead.

Mar. 3, 1849. Vol. 9, p, 779.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Teasury of the Secretary of the Secretary of the Treasury is hereby directed and retain and pay quired to pay to James Moorehead, out of any moneys in ages incurred the treasury not otherwise appropriated, such amount as and losses sushall fully compensate and remunerate said Moorehead Moorehead on for all damages and losses sustained by reason of the suspension of erecpension by the government of the erection of a dam in the Ohio River.

ginia [a] shore. But before any payment is made to said Secretary shall cause the witnesses, amine testimony on the part of the said Moorehead, to be cross-examined, and take testimony on behalf of the government, should be deem it proper to do so [b].

Approved, March 3, 1849.

June 5, 1850. **CHAP. 17.**—An Act To continue in force an Act therein men-Vol. 9, p. 438. tioned, relating to the port of Baltimore.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Actrevived and the act passed the seventeenth day of March, one thouto continue in the act passed the sovemeenth day of Indian, one should force until Mar. sand eight hundred, entitled "An Act declaring the assent 3, 1861. of Congress to certain acts of the States of Maryland and 1800, c. 15. Act Jan. 19. Georgia," and which by subsequent acts has been revived 1861. c. 11. and continued in force until the first day of June. one thousand eight hundred and fifty, be, and the same, so far as it relates to the act of the State of Maryland, is hereby revived and continued in force until the third day of March, one thousand eight hundred and sixty one: Pro-Proviso. vided, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam, employed in the transportation of passengers.

Approved, June 5, 1850.

Sept. 30, 1850.

Vol. 9, p. 523.

CHAP. 90.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year ending the thirtieth of June, eighteen hundred and fifty-one, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the following sums be, and hereby are, appropriated out of any money in the treasury not otherwise appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty-one, namely:—

Miscellaneous.

Miscellaneous.— \* \* \*

Survey of delta of Mississippi River.

For the topographical and hydrographical survey of the Delta of the Mississippi, with such investigations as may lead to determine the most practicable plan for securing it from inundation, and the best mode of so deepening the passes at the mouth of the river as to allow ships of twenty feet draft to enter the same, fifty thousand dollars.

Approved, September 30, 1850.

a Now West Virginia.

<sup>&</sup>lt;sup>b</sup> The amount paid by the Treasury Department under this act was \$651.76.

[No. 12.] Joint Resolution Changing the name of St. Peter's River. in Minnesota Territory.

June 19, 1852. Vol. 10, p. 147.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That to be called Minfrom and after the passage of this act the River in the Ter-nesota River. ritory of Minnesota heretofore known as the Saint Peter's shall be known and designated on the public records as the Minnesota River.

Approved, June 19, 1852.

CHAP. 67.—An Act To authorize the mayor and common council of Chicago, Illinois, to excavate a portion of the public reservation at that place, with a view to the improvement of the navigation of Chicago River.

July 21, 1852. Vol. 10, p. 24.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Chicago authorized to excathe corporate authorities of the city of Chicago, Illinois, thorized to excate operation of be, and they are hereby authorized to excavate such por-public reservation of the reservation at Chicago, not exceeding the limits described in their memorial of January five, eighteen hundred and fifty-two, as may be necessary, according to the plan set forth in said memorial, for the improvement of the navigation of the Chicago River.

Sec. 2. And be it further enacted, That the Secretary of Limits designated by Secredesig-War be, and he is hereby directed to cause the limits above tary of War.

designated to be marked out, and to make such disposition of the buildings now standing within said limits as may be best for the public interest.

Approved, July 21, 1852.

CHAP. 92.—An Act Granting to the State of Michigan the right of Aug. 26, 1852. way, and a donation of public land for the construction of a ship canal around the falls of St. Mary's, in said State.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Right to locate there be, and is hereby, granted to said State, the right falls of St. Marys of locating a canal through the public lands, known as the Michigan. military reservation at the Falls at St. Mary's River in said State; and that four hundred feet of land in width extending along the line of such canal be, and the same is hereby granted, to be used by said State, or under the authority thereof for the construction and convenience of such canal. and the appurtenances thereto, and the use thereof is hereby vested in said State forever, for the purpose aforesaid, and no other: Provided, That in locating the line of said canal through said military reservation, the same shall be located route. on the line of the survey heretofore made for that purpose, or such other route between the waters above and below said falls, as under the approval of the Secretary of War may be selected. And provided further, That said canal shall be at least one hundred feet wide, with a depth of

Proviso as to

Size of canal.

water twelve feet, and the locks shall be at least two hun-

dred and fifty feet long, and sixty feet wide.

750,000 acres of struct canal.

Sec. 2. And be it further enacted. That there be, and hereby SEC. 2. Anaver of purpose of Michigan to enal is granted to the said State of Michigan, for the purpose of aiding said State in constructing and completing said canal. seven hundred and fifty thousand acres of public lands, to be selected in subdivisions, agreeably to the United States surveys, by an agent or agents to be appointed by the Governor of said State, subject to the approval of the Secretary of the Interior, from any lands within said State, subject to private entry.

Lands to be applied to no other

charged United States.

Sec. 3. And be it further enacted. That the said lands hereby granted, shall be subject to the disposal of the Legislature of said State for the purposes aforesaid and no other: No toll to be and the said canal shall be, and remain a public highway

for the use of the Government of the United States, free from toll or other charge upon the vessels of said government engaged in the public service, or upon vessels employed by said government in the transportation of any property

or troops of the United States.

Proceeds of sales of lands to

Sec. 4. And be it further enacted. That if the said canal be paid to United shall not be commenced within three and completed within States if canal is not commenced ten years, the said State of Michigan shall be bound to pay within and come to the United States, the amount which may be received upon the sale of any part of said lands by said State not less than one dollar and twenty-five cents per acre, the title to the purchasers under said State remaining valid.

Accounts to be SEC. 5. And beit further enacted, That the Legislature of dered annually, said State shall cause to be kept, an accurate account of the etc.

and until State is sales and net proceeds of the lands hereby granted and of fully reimbursed sales and net proceeds of the lands hereby granted and of itmaycharge toll all expenditures in the construction, repairs, and operating for use of canal, and of the earnings thereof, and shall return only enough to a statement of the same annually to the Secretary of the Interior; and whenever said State shall be fully reimbursed for all advances made for the construction, repairs, and operating of said canal, with legal interest on all advances, until the reimbursement of the same, or upon payment by the United States, of any balance of such advances over such receipts from said lands and canal, with such interest, the said State shall be allowed to tax for the use of said canal, only such tolls as shall be sufficient to pay all necessary expenses for the care, charge, and repairs of the same.

Route of canal to be established

SEC. 6. And be it further enacted, That before it shall be and filed before competent for said State to dispose of any of the lands landscan be sold to be selected as aforesaid, the route of said canal shall be established as aforesaid, and a plat or plats thereof shall be filed in the office of the War Department, and a duplicate thereof, in the office of the Commissioner of the General Land-Office.

Approved, August 26, 1852.

CHAP. 104.—An Act Making appropriations for the improvement of certain harbors and rivers.

Aug. 30, 1852, Vol. 10, p. 56,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the superintendence of the Secretary of War, for the following purposes, to wit:

For the continuation of the Delaware breakwater, thirty

thousand dollars.

For the construction of a harbor on the east side of Reedy Island, Port Penn, Delaware, fifty-one thousand and ninety dollars.

For the repairs of the works at the harbor at Chester.

on the Delaware River, five thousand dollars.

For the removal of obstructions in the Savannah River, er, Savannah Rivat a place called the Wrecks, and the improvement of the navigation of said river, forty thousand dollars.

For continuing the improvement of the navigation of the Hudson River, above and below Albany, and not above

Troy, fifty thousand dollars.

For the improvement of the navigation of the Missis-Mississippi, ppi River, below the rapids, ninety thousand dollars; sas, and Ohio rivsippi River, below the rapids, ninety thousand dollars;

The Ohio, including the repairs of the dam at Cumber-ers. land Island, ninety thousand dollars;

The Missouri, and the Arkansas Rivers, each forty thousand dollars:

And for the construction and repair of snag-boats, dredgeboats, discharging scows and machinery to be used on the Mississippi, Ohio, Missouri, Arkansas, and other western rivers, one hundred and fifty thousand dollars.

For the improvement of the James, and Appomattox James and Ap-Rivers, below the cities of Richmond and Petersburg, forty-

five thousand dollars.

For the improvement of the Rock River rapids, and the Mississippi Des Moines rapids in the Mississippi River, at the lower River. chain and the English chain, one hundred thousand dollars.

For opening a ship channel of sufficient capacity to ac-Ship channel commodate the wants of commerce, through the most consispent to Gulf of venient pass leading from the Mississippi River into the Mexico. Gulf of Mexico, seventy-five thousand dollars. be the duty of the Secretary of War, to apply said moneys to the opening of said ship channel by contract, and at an early day in the next session of Congress to report the progress of the work, the amount necessary to complete it, and an estimate of the annual cost of keeping said channel open, and any contract made shall be limited to the amount hereby appropriated.

For removing the raft of Red River, one hundred thousand dollars, and that the Secretary of War be authorized to contract with the lowest responsible bidder within this appropriation, for the removal of said raft after reasonable

public notice.

Delaware.

Reedy Island.

Chester.

Hudson River.

Snag boats, etc.

RedRiver raft.

Res.Jan.7,1853.

Colorado River. For the improvement of the navigation of the Colorado River, Texas, twenty thousand dollars.

Trinity River. For the survey of the Trinity River, Texas, including the bar at the mouth, three thousand dollars.

Breakwaters. For a breakwater at Richmond Island harbor, and repairing the breakwater in Portland harbor, Maine, ten thousand dollars.

CODSCOOK Bay. For removing the rocks obstructing the navigation near Falls Island, Cobscook Bay, Maine, five thousand dollars.

Survey at Matinicus. For a survey in reference to the construction of a breakwater on the eastern side of the Island of Matinicus, Maine, one thousand dollars.

Great Brewster For the protection of Great Brewster Island, in the harbor of Boston, thirty thousand dollars.

Cape Cod Harbor, at and near Provincetown, Massachusetts, five thousand dollars.

Hyannis. For repairing the breakwater at Hyannis Harbor, Massachusetts, five thousand dollars.

Great Woods For the preservation of Great Woods Hole harbor, two thousand five hundred dollars.

Survey at East Por a survey in reference to the construction of a breakwater at East Dennis, Barnstable Bay, Massachusetts, one thousand five hundred dollars.

Flymouth For repairing the injuries done to the government works on Plymouth beach, in the great storm of eighteen hundred and fifty-one, five thousand dollars.

Survey at Scit- For a survey in reference to the improvement of the harbor of Scituate, in connection with the North River, Massachusetts, one thousand dollars.

New Haven. For the removal of Middle Rock, designated on the chart as Rocky Buoy, in the harbor of New Haven, Connecticut, six thousand dollars.

Seekonk (Paw- For removing a rock near the mouth of the Sekonk tucket) River. Res. Jan. 20, River[a], harbor of Providence, Rhode Island, five thousand dollars.

New York Harhor. For the further improvement of the harbor of New York, by removing the rocks at Hell Gate and Diamond Reef, in the East River, twenty thousand dollars.

Port Jefferson. For a survey of the harbor of Port Jefferson, New York, with reference to the improvement thereof, twelve hundred dollars.

Newark Bay. For the removal of the bar at the junction of the Passaic and Hackensack rivers, in Newark Bay, New Jersey, ten thousand dollars.

Cranberry Inlet. For the survey of Cranbury Inlet, Barnegat Bay, New Jersey, in reference to its improvement, one thousand dollars.

er. For the improvement of the Patapsco River, from Fort McHenry to the mouth of said river, twenty thousand dollars.

 $<sup>^</sup>a$  The records of this office credit this appropriation to Providence River.

For the construction of a steam-dredge, equipment and steam dredge, discharging scows, for the waters of the Chesapeake Bay and the Atlantic coast, twenty thousand dollars.

For removing obstructions at the mouth of the Susque-Susquehanna hanna River, near Havre-de-Grace, Maryland, ten thousand

dollars.

For reopening a communication between Albemarle Breakwater Croatan Sound, North Carolina, and the Atlantic Ocean, by the Sound. 1855, c. 103. construction of a breakwater[a] across Croatan Sound, fifty thousand dollars.

For completing the improvement of the harbor of Wash-Washington

ington. North Carolina, five thousand dollars.

For the improvement of the harbor of Charleston, South

Carolina, fifty thousand dollars.

For the improvement of the harbor of Mobile, Alabama, at Dog River Bar and the Choctaw Pass, fifty thousand dollars.

For a survey in reference to the removal of obstructions fourche. to the navigation of Bayou La Fouche, Louisiana, two thou-

sand five hundred dollars.

For the construction of a harbor on Lake Pontchartrain, Lake Pontcharnear the city of New Orleans, twenty-five thousand dollars.

Manitowoc For the improvement of the harbor of Manitowoc, Wis-Man consin, eight thousand dollars.

For the improvement of the harbor of Shebovgan, Wis-

consin, ten thousand dollars.

For continuing the improvement of the harbor of Racine,

Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor of Milwaukie, Wisconsin, fifteen thousand dollars, to be expended at the point on the Milwaukie River known as the "North-Cut," surveyed by Lieutenant Centre.

For continuing the improvement of the harbor of Kenosha, (formerly South Port,) Wisconsin, ten thousand

dollars.

For continuing the improvement of the harbor of Chi-

cago. Illinois, twenty thousand dollars.

For continuing the improvement of the harbor of Michigan city, Indiana, or the laying down of a floating breakwater and safety anchorage, as the Secretary of War may determine, twenty thousand dollars.

For the improvement of the harbor of New Buffalo,

Michigan, eight thousand dollars.

For continuing the improvement of the harbor of St. St. Joseph Joseph, Michigan, ten thousand dollars.

a So much of this paragraph as prescribes a breakwater is repealed by act approved February 14, 1855. The approved plans of the Department, proposed early in 1853, provided for excavating a channel from Roanoke Sound to the ocean, across Bodie Island, east of Roanoke Island.

Charleston.

Mobile.

Racine.

Milwaukee.

Sheboygan. Res. No. 8, 1856.

Kenosha.

Chicago.

Michigan City.

New Buffalo.

Oswego.

Black Lake For the improvement of Black Lake harbor, Michigan, eight thousand dollars.

Grand River For the preservation of the harbor at the mouth of Grand Haven

Harbor). Grand River, Michigan, two thousand dollars.

Clinton River For the improvement of the harbor at the mouth of Clinton River, Michigan, five thousand dollars.

St. Clair flats. For the improvement of the navigation of the Saint Clair Flats, connecting the upper and lower lakes. twenty thousand dollars.

River Raisin For completing the improvement of the River Raisin (Monroe Har-

harbor, Michigan, fourteen thousand dollars. bor).

Steam dredge For constructing a steam-dredge, equipment and dison Lake Michicharging scows for Lake Michigan, twenty thousand gan. dollars.

For preserving the harbor of Sandusky city. and im-Sandusky Harbor.

proving the same, fifteen thousand dollars.

Black River For continuing the improvement of the harbor at the (Lorain Harbor). mouth of Black River, on Lake Erie, Ohio, five thousand dollars.

Cleveland. For continuing the improvement of the harbor of Cleve-

land. Ohio, thirty thousand dollars.

Fairport, Ohio. For the further improvement of the harbor of Fairport. at the mouth of Grand River, Ohio, ten thousand dollars.

Ashtabula. For continuing the improvement of the harbor of Ashtabula, Ohio, ten thousand dollars.

Erie, Pa. For continuing the improvement of the harbor of Erie, Pennsylvania, thirty thousand dollars.

Dunkirk. For continuing the improvement of the harbor of Dunkirk, New York, thirty thousand dollars.

Buffalo. For repairing the sea-wall at the harbor of Buffalo. New York, fourteen thousand dollars.

Steam dredge For constructing a steam-dredge, equipment and dison Lake Erie. charging scows for Lake Erie, twenty thousand dollars.

Orchard Oak For continuing the improvement of the harbor of Oak Creek Harbor. Orchard Creek, Lake Ontario, New York, ten thousand five hundred dollars.

Genesee River For continuing the removal of obstructions in the harbor (Charlotte Harat the mouth of the Genesee River, Lake Ontario, New bor). York, twenty thousand dollars.

Little Sodus For the improvement of the harbor of Sodus Bay[a], Bay.

Lake Ontario, Cayuga county, New York, ten thousand dollars.

For continuing the improvement of the harbor of Oswego, Lake Ontario, New York, forty thousand dollars. Steam dredge For constructing a steam-dredge, equipment, and dison Lake Ontario.

charging scows for Lake Ontario, twenty thousand dollars. Rappahannock For a survey of the Rappahannock River, Virginia, River.

three thousand dollars.

Taunton River For a survey of Taunton River and New Bedford harbor, and New Bedford Massachusetts, three thousand dollars. Harbor.

a Refers to Little Sodus Bay.

For improving the Kennebeck River from the United Kennebeck States Arsenal wharf, in Augusta, Maine, to Lovejoy's Narrows, six thousand dollars.

For a survey of San Antonio River, Texas, one thousand San Antonio

five hundred dollars.

For surveys of the harbors at Sabine, Galveston, Paso Harbors in Cavallo, Velasco, Brazos de Santiago, and Corpus Christi, and the rivers Sabine, Brazos, and Trinity, Texas, five thousand dollars.

For repairing the public works at Little Egg Harbor, Little Egg Har-

New Jersey, eight thousand five hundred dollars.

For a survey of East Pascagoula River, Mississippi, five La River. thousand dollars.

For a survey of Providence harbor, Rhode Island, fifteen

hundred dollars.

For a survey and examination of the falls of the Ohio of the Ohio. River, by a board of topographical and civil engineers to Board to be appointed by the Secretary of War, to report upon the to report. expediency of an additional canal around said falls, and the comparative cost, advantages, and disadvantages of making such additional canal on the Kentucky and Indiana shores of said river respectively, and also the cost, advantages, and disadvantages of enlarging and extending the present canal so as to avoid the rocks at Sandy Island; retaining the present locks in their present condition, five thousand dollars.

For the repair of the sea-wall at Marblehead, Massachu- Marblehead.

setts, five hundred dollars.

For a survey of the harbor of Georgetown, South Caro-s Georgetown,

lina, three thousand dollars.

For a survey of Shrewsbury River, New Jersey, fifteen Shrewsbury hundred dollars.

For repairing the piers at Kennebunk, Maine, seven Kennebunk.

thousand five hundred dollars.

For a breakwater at Owlshead harbor, or at Rockland Breakwater in harbor, in Maine, as the Department of War shall decide, fifteen thousand dollars.

For the further removal of obstructions and the improvement of the harbor of Dubuque, Iowa, fifteen thousand

dollars.

For repairing the piers in Great Sodus Bay, New York, Bay. Great Sodus

ten thousand dollars.

For improving Cape Fear River at and below Wilming-Cape Fear ton, North Carolina, twenty thousand dollars.

For repairing the piers at Huron River harbor, Ohio, ten Huron River.

thousand dollars.

For continuing and repairing the breakwater at Burling-Burlington, Vt. ton, Vermont, ten thousand dollars.

For repairing the piers at Conneaught, Ohio, ten thou- Conneaut,

sand dollars.

For repairing the piers and for improving the harbor at Newcastle, Delaware, fifteen thousand dollars.

Bridgeport, For the further improvement of the harbor at Bridgeport, Connecticut, ten thousand dollars.

st.JohnsRiver, For the improvement of the river Saint John, Florida,

ten thousand dollars.

ship canal For the completion of the old line of survey, or new line, as may be deemed expedient, for a ship canal across the peninsula of Florida, twenty thousand dollars.

Newark Bay. For a survey of the sand bars in Newark Bay, New

Jersey, two thousand dollars.

Levee across for building a levee across

OSS For building a levee across the mouth of the river San Diego, in the State of California, to turn it into its former channel, into False Bay, thirty thousand dollars, to be expended under the direction of the Secretary of War.

Ogdensburg. For a survey of the harbor of Ogdensburg, New York, with reference to its improvement, three thousand dollars.

Steam dredge For constructing a steam-dredge, equipment, and discharging scows for Lake Champlain, and improving the navigation thereof, twenty thousand dollars.

Miscellaneous. For connecting the waters of the Indian River, and Mosquito lagoon, at the Haulover, Florida, five thousand dollars.

For the repairs, preservation, and contingencies of the harbor works on the Atlantic coast, ten thousand dollars.

For repairs and contingencies of harbors and rivers and to meet charges for transportation of officers and for fuel and quarters, the payment of which is no longer made by the Quartermaster's Department, and for extra allowance to meet extra expenses under the special direction of the Secretary of War, ten thousand dollars.

Tennessee and Illinois rivers. 1860, c. 114.

For the improvement of the navigation of the Tennessee River, fifty thousand dollars, in conformity with the estimates of the War Department of the thirteenth July, eighteen hundred and fifty-two, and for the improvement of the navigation of the Illinois River, the sum of thirty thousand dollars.

Waukegan, Ill. For the improvement of the harbor and breakwater at Waukegan, Illinois, fifteen thousand dollars.

Georgia.

That the Secretary of War cause to be examined and surveyed the rivers Savannah, from the city of Savannah, as high up as the city of Augusta, the Ockmulgee up to Macon, and the Flint up to Albany, and the Chattahoochee up to Columbus, in the State of Georgia, and to report to Congress the amount of money which may remove any obstructions to navigation, and that the sum of ten thousand dollars be appropriated for that purpose.

St. Augustine. For filling in behind the United States sea-wall in the harbor of St. Augustine, Florida, with earth, three thousand dollars.

Approved, August 30, 1852.

CHAP. 110.—An Act Making appropriations for the support of the Army, for the year ending the thirtieth of June, one thousand eight hundred and fifty-three.

Aug. 31, 1852. Vol. 10, p. 105.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the support of the army for the year ending the thirtieth of June, one thousand eight hundred and fiftythree.

Survey of Mississippi Delta. 1854, c. 267.

For continuing the topographical and hydrographical survey of the Delta of the Mississippi, with such investigations as may lead to determine the most practicable plan for securing it from inundation, fifty thousand dollars.

Approved, August 31, 1852.

[No. 3.] A Resolution Explanatory of the Act appropriating money for the removal of the raft of Red River.

Jan. 7, 1853. Vol. 10, p. 260.

Resolved by the Senate and House of Representatives of the United States of America in Congress assemblea, 1 Hau So River raft. much of the act entitled "An act making appropriations for 1852, c. 104. United States of America in Congress assembled, That so Removal of Red the improvement of certain harbors and rivers," approved August thirtieth, eighteen hundred and fifty-two, as relates to Red River, be so construed as to authorize the Secretary of War to award the contract for the removal of obstructions to the navigation of said river occasioned by the Raft, to the person or persons who, for the amount of the appropriation, will agree to remove said obstructions, and keep said navigation free from the same for the longest period of time; said contract to be awarded after reasonable public notice.

Approved, January 7, 1853.

[No. 8.] A Resolution Explanatory of the appropriation for the improvement of the mouth of the Sekonk River and harbor of Providence, Vol. 10, p. 261. Rhode Island.

 $Resolved\ by\ the\ Senate\ and\ House\ of\ Representatives\ of\ the$ United States of America in Congress assembled, That the Removal of obclause in the "Act making appropriations for the improve-konk" (Pawment of certain harbors and rivers," approved thirtieth of tucket) River. August, eighteen hundred and fifty-two, making an appropriation "for removing a rock near the mouth of the Sekonk 1852, c. 104. River[a], harbor of Providence, Rhode Island," be construed to authorize the removal of any rock or other obstructions at the crook or the entrance or mouth of Sekonk River, harbor of Providence, and State of Rhode Island.

Approved, January 20, 1853.

a The records of this office credit the appropriation for this item to Providence River.

Mar. 3, 1858. CHAP. 96.—An Act To supply deficiencies in the appropriations for the service of the fiscal year ending the thirtieth of June, one thousand eight hundred and fifty-three.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated to supply deficiencies in the appropriations for the service of the fiscal year ending the thirtieth of June, eighteen hundred and fifty-three, out of any money in the Treasury not otherwise appropriated, namely:

Genesee River For improvement of the Genesee River, one hundred bor). Genesee River, one hundred and seventy-six dollars and ten cents.

Cleveland. For removing obstructions at harbor of Cleveland, Ohio, one hundred and forty-five dollars and sixty-nine cents.

Buffalo Creek. For sea-wall at Buffalo Creek, three hundred and forty nine dollars and five cents.

Ashtabula. For harbor at Ashtabula, Ohio, forty-two dollars and sixty-four cents.

For harbor at Milwaukie, Wisconsin, one hundred and sixty-three dollars and ninety-four cents.

Approved, March 3, 1853.

Mar. 3, 1853.

Vol. 10, p. 189.

OHAP. 97.—An Act Making appropriations for the civil and diplomatic expenses of Government for the year ending the thirtieth of June, eighteen hundred and fifty-four.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be and are hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty-four, namely:

Survey of communication between Lake Huron and Lake Superior, fifty thousand ron and the falls dollars: Provided, That a survey of so much of the communication between Lake Huron and the Sault Ste. Marie as may be necessary to ascertain what part thereof requires to be deepened, shall be made without delay, and plans and estimates of the nature and expense of the work shall be laid before Congress at its next session.

Approved, March 3, 1853.

CHAP. 102.—An Act Making further appropriation for the improvement of the Cape Fear River, North Carolina.

July 22, 1854. Vol. 10, p. 307.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the sum of one hundred and forty thousand dollars be, June 30, 1855. and the same is hereby, appropriated for the year ending thirtieth June, eighteen hundred and fifty-five, to be paid out of any money in the treasury not otherwise appropriated, and to be expended under the superintendence of Howexpended the Secretary of War, for the continuation of the improvement of the Cape Fear River, North Carolina, at or near its communication with the ocean.

Approved, July 22, 1854.

CHAP. 200.—An Act To authorize the State of Wisconsin to selec<sup>t</sup> the residue of the lands to which she is entitled under the Act of eighth of August, eighteen hundred and forty-six, for the improvement of the Fox and Wisconsin rivers.

Aug. 3, 1854. Vol. 10, p. 345.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Selection of the Governor of the State of Wisconsin is hereby author-granted by act of ized to cause to be selected the balance of the land to which 1846, c. 170. that State is entitled under the provisions of the act of the Res. of Mar. 8, eighth August, eighteen hundred and forty-six, granting land to aid the Territory of Wisconsin in the improvement of the Fox and Wisconsin Rivers and to connect the same by a canal, out of any of the unsold public lands in said State, subject to private entry at one dollar and twenty-five cents per acre, and not claimed by preëmption; the quantity to be ascertained upon the principles which governed the final adjustment of the grant to the State of Indiana for the Wabash and Erie Canal, under the provisions of the act of Congress approved the ninth of May, eighteen hundred and forty-eight.

Approved, August 3, 1854.

CHAP. 267.—An Act Making appropriations for the support of the Aug. 5, 1854. Army for the year ending the thirtieth of June, one thousand eight Vol. 10, p. 576. hundred and fifty-five.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives$ of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated out of any money in the treasury not otherwise appropriated, for the support of the army for the year ending the thirtieth of June, one thousand eight hundred and fifty-five:

SEC. [5.] And be it further enacted, That the joint reso-Removal of Red lution entitled "A resolution explanatory of the act appro-River raft. 1853, res. No. 3. priating money for the removal of the raft of Red River,"

approved January seventh, eighteen hundred and fiftythree, be and is hereby repealed, and that the Secretary of the Department of War be authorized to expend the appropriation in reference to the Red River raft, in such way, and for such purposes as he may approve, having in view the improvement of the navigation of Red River, in and around the said raft.

Survey of delta of Mississippi River. 1852, c. 110.

SEC. 2. [8.] And be it further enacted, That of the appropriation of fifty thousand dollars "for continuing the topographical and hydrographical survey of the Delta of the Mississippi, with such investigations as may lead to determine the most practicable plan for securing it from inundation," approved August thirty-first, one thousand eight hundred and fifty-two, the sum of five thousand dollars may be applied, under the special direction of the Secretary of War, to the payment of any expenses connected with said survey and investigations, incurred prior to the first of July, one thousand eight hundred and fifty-two.

Approved, August 5, 1854.

Feb. 14, 1855. Vol. 10, p. 608.

CHAP. 103.—An Act To amend "An Act making appropriations for the improvement of certain harbors and rivers," approved August thirtieth, eighteen hundred and fifty two.

Be it enacted by the Senate and House of Representatives  $\,$ of the United States of America in Congress assembled, That Act 1852, c. 104, the section reading as follows: "For reopening a commuamended. nication between Albemarle Sound, North Carolina, and the Atlantic Ocean, by the construction of a breakwater across Croatan Sound, fifty thousand dollars," be amended by striking out the words "by the construction of a breakwater across Croatan Sound[a]."

Approved, February 14, 1855.

Mar. 2, 1855. Vol. 10, p. 858.

CHAP. 149.—An Act For the relief of John R. Bowes, agent in charge of the property of the United States at Michigan City, in the State of Indiana, and of Isaac S. Smith, of the city of Buffalo, New York.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That John R. Bowes the proper accounting officers of the treasury be, and are of public prop-hereby, authorized and directed to pay to John R. Bowes, erty at Michigan of the State of Indiana, agent in charge of the property of the United States at Michigan City, in said State, the sum of four hundred and seventy dollars and thirty-three

a The approved plans of the Department, proposed early in 1853, provided for excavating a channel from Roanoke Sound to the ocean, across Bodie Island, east of Roanoke Island.

cents, in payment and in full discharge of all claims of said Bowes against the United States for services as said agent.

SEC. 2. And be it further enacted, That the Secretary of Isaac S. Smith the Treasury be, and he is hereby, authorized and directed of public propto pay, out of any money in the treasury not otherwise erty at Burhalo. appropriated, to Isaac S. Smith, the sum of four hundred and fifty-two dollars and thirty-two cents, in full for his account for care and charge of the public property at the city of Buffalo, up to the thirtieth day of April, eighteen hundred and fifty-three, under the direction of the Topographical Bureau.

Approved, March 2, 1855.

CHAP. 170.—An Act To appropriate money to remove the obstruc- Mar. 3, 1855. tions in the Savannah River, below the city of Savannah, in the State Vol. 10, p. 640. of Georgia.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That to Appropriation the sum of one hundred and sixty-one thousand dollars be, structions in Saand the same is hereby, appropriated out of any money 1856, c. 82. not heretofore appropriated, to remove the obstructions in the Savannah River, below the city of Savannah, in the State of Georgia, placed there during the revolutionary war, for the common defence.

Approved, March 3, 1855.

CHAP. 175.—An Act Making appropriations for the civil and diplomatic expenses of Government, for the year ending the thirtieth of June, eighteen hundred and fifty-six, and for other purposes.

Mar. 3, 1855. Vol. 10, p. 643.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the treasury not otherwise appropriated, for the objects hereafter expressed, for the fiscal vear ending the thirtieth of June, one thousand eight hundred and fifty-six, namely:-

- Sec. 10. And be it further enacted,

And one thousandsix hundred and ninety-six dollars and Deficiency ap-fifteen cents to supply a deficiency in the appropriation for steam dredge building four steam dredge boats, in use by the War De-boats on lakes. partment, on Lakes "Champlain," "Erie," "Michigan," and Ontario, to be applied for materials, machinery, tools, and labor furnished in painting said boats.

Approved, March 3, 1855.

H. Doc. 425, 58-3-9

Mar. 3, 1855. CHAP, 197.—An Act For the relief of L. R. Lvon, and Dean S. Vol. 10, p. 867. Howard, of the State of New York.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That PaymenttoLy- the Secretary of the Treasury of the United States cause to on & Howard for ma- be paid to L. R. Lyon, and Dean S. Howard, late partners under the name and style of Lyon and Howard, of the State of New York, or to their legal representatives, out of any money in the treasury not otherwise appropriated, the sum of eight thousand six hundred and seventeen dollars, and eighty-one cents, in full for the balance due them for constructing a dredging machine at Whitehall, New York, under contract entered into on the second day of November, eighteen hundred and thirty-six; and a dredging machine to be delivered at Monroe, in the State of Michigan, by contract entered into on the fifteenth of October, eighteen hundred and thirty-six.

Approved, March 3, 1855.

Mar. 3, 1855. Vol. 10, p. 724.

consin.

[No. 24.] A Resolution Explanatory of an Act passed August third, eighteen hundred and fifty-four.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That it was Construction of the intention of the act of Congress, approved August respecting grant third, eighteen hundred and fifty-four, and the same shall of land to Wisbe construed, to give to Wisconsin in aid of the improvement of the navigation of the Fox and Wisconsin Rivers, a quantity of land, equal mile for mile of its improvement to that granted to Indiana, under the provisions of the Act of Congress approved May the ninth, eighteen hundred and forty-eight.

Approved, March 3, 1855.

May 12, 1856. Vol. 11, p. 144 [No. 8.] Joint Resolution Relating to the appropriation for the improvement of the harbor at Sheboygan, Wisconsin.

Preamble. 1852, c. 104.

Whereas, by act of Congress entitled "An act making appropriations for the improvement of certain harbors and rivers," approved August thirtieth, eighteen hundred and fifty-two, the sum of ten thousand dollars was appropriated for the improvement of the harbor of Sheboygan, Wisconsin; and whereas, the city and county of Sheboygan have from time to time made appropriations for the improvement of said harbor to the amount of fifty thousand dollars, to be expended by commissioners appointed by said State; and whereas it is desirable that said appropriations should be expended under one direction, therefore—

Resolved by the Senate and House of Representatives of the Improvement United States of America in Congress assembled, That after of Sheboygan the Secretary of War shall have settled and paid all just charges existing against the said appropriation of ten thousand dollars, the balance thereof, together with all tools. implements, materials, and other property whatsoever, belonging to the United States and used in improving the said harbor, shall be transferred and turned over by the said Secretary of War to the commissioners for the improvement of the said harbor, appointed by the State of Wisconsin: Provided. That the said commissioners shall first Proviso. give satisfactory security to the Secretary of War for the faithful expenditure of the money in the im government of the said harbor.

Approved, May 12, 1856.

CHAP. 54.—An Act To remove obstructions to navigation in the mouth of the Mississippi River, at the Southwest Pass and Pass a l'Outre.

July 8, 1856. Vol. 11, p. 24,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the opening and keeping open ship channels of to remove obsufficient capacity to accommodate the wants of commerce structionsin Mississippi at South-through the Southwest Pass and Pass a l'Outre, leading west Pass and from the Mississippi River into the Gulf of Mexico, the Pass a Loutre. sum of three hundred and thirty thousand dollars be, and the same is hereby appropriated, to be paid out of any money in the treasury not otherwise appropriated, and to be expended under the superintendence of the Secretary of War.

SEC. 2. And be it further enacted, That it shall be the Contract to be duty of the Secretary of War to apply said moneys to the opening and keeping open of the aforesaid ship channel by contract, and at an early day in the next session of Congress to report the progress of the work, the amount neces- Report thereon. sary to complete it, and an estimate of the annual cost of keeping said channels open; and any contract made shall be limited to the amount hereby appropriated.

IN THE SENATE OF THE UNITED STATES, July 7th, 1856.

The President of the United States having returned to Assent of Senthe Senate, in which it originated, the bill entitled "An act ate. to remove obstructions to navigation in the mouth of the Mississippi River, at the Southwest Pass and the Pass a l'Outre," with his objections thereto, the Senate proceeded, in pursuance of the Constitution, to reconsider the same; and

Resolved, That the said bill do pass, two-thirds of the Senate agreeing to pass the same.

Attest:

ASBURY DICKINS, Secretary of the Senate. IN THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES.

July 8th. 1856.

Assent of The House of Representatives having been notified by House the Senate that the bill entitled "An act to remove obstructions to navigation in the mouth of the Mississippi River, at the Southwest Pass and the Pass a l'Outre," had been returned by the President with his objections to the Senate. in which it originated, and that the Senate having proceeded, in pursuance of the Constitution, to reconsider the same, had "Resolved, that the said bill do pass, two thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the Constitution. to reconsider the said bill; and

Resolved. That the said bill do pass, two thirds of the

House of Representatives agreeing to pass the same.

Attest:

Wm. Cullom, Clerk House of Reps.

July 8, 1856. Vol. 11, p. 25. CHAP. 55.—An Act Making an appropriation for deepening the channel over the flats of the St. Mary's River, in the State of Michigan.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the sum of one hundred thousand dollars be, and the same nel in St. Marys is hereby appropriated towards deepening the channel of River, Mich.

the St. Mary's Divorcity of the Company of the Channel of River, Mich.

Res. No. Junº 9, 1858.

the St. Mary's River, in the State of Michigan, by the 23, west channel through Lake George, according to the estimate of Captain Macomb, of the topographical corps, communicated to the Senate in the report of the Secretary of War, dated January eighteen, eighteen hundred and fifty-

Steam dredge. five: Provided, That the dredging machine purchased for the improvement of the St. Clair flats may be employed, when not required therefor, at the discretion of the Secretary of War, in the improvement of the St. Mary's River or strait.

> IN THE SENATE OF THE UNITED STATES, July 7th. 1856.

The President of the United States having returned to the Senate, in which it originated, the bill entitled "An act making an appropriation for deepening the channel over the flats of the St. Mary's River in the State of Michigan," with his objections thereto, the Senate proceeded, in pursuance of the Constitution, to reconsider the same; and

Resolved, That the said bill do pass, two thirds of the Sen-

ate agreeing to pass the same.

Attest:

ASBURY DICKINS, Secretary of the Senate. IN THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES. July 8th. 1856.

The House of Representatives having been notified by the Senate that the bill entitled "An act making an appropriation for deepening the channel over the flats of the St. Mary's River, in the State of Michigan," had been returned by the President, with his objections, to the Senate, in which it originated, and that the Senate, having proceeded, in pursuance to the Constitution, to reconsider the same, had "Resolved, That the said bill do pass, two thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the Constitution, to reconsider the said bill; and

Resolved. That the said bill do pass, two thirds of the House of Representatives agreeing to pass the same.

Attest:

Wm. Cullom. Clerk House of Reps.

CHAP. 56.—An Act Making an appropriation for deepening the channel over St. Clair flats, in the State of Michigan.

July 8, 1856. Vol. 11, p. 25.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of forty-five thousand dollars be and the same is hereby appropriated for the purpose of deepening the charlest. Clair flats, Mich. hereby appropriated for the purpose of deepening the channel over the St. Clair flats, in the State of Michigan.

IN THE SENATE OF THE UNITED STATES, July 7th, 1856.

The President of the United States having returned to the Senate, in which it originated, the bill entitled "An act making an appropriation for deepening the channel over the St. Clair flats, in the State of Michigan," with his objections thereto, the Senate proceeded, in pursuance of the Constitution, to reconsider the same: and

Resolved, That the said bill do pass, two-thirds of the Sen-

ate agreeing to pass the same.

Attest:

ASBURY DICKINS. Secretary of the Senate.

In the House of Representatives OF THE UNITED STATES, July 8th, 1856.

The House of Representatives having been notified by the Senate that the bill entitled "An act making an appropriation for deepening the channel over the St. Clair flats, in the State of Michigan," had been returned by the President, with his objections to the Senate, in which it originated, and that the Senate, having proceeded, in pursuance of the Constitution, to reconsider the same, had "Resolved. That the said bill do pass, two-thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the Constitution, to reconsider the said bill; and

Resolved, That the said bill do pass, two thirds of the House of Representatives agreeing to pass the same.

Attest:

Wm. Cullom, Clerk House of Reps.

Aug. 7, 1856. Vol. 11, p. 30. **CHAP. 82.**—An Act To alter and amend "An Act to appropriate money to remove obstructions in the Savannah River, below the city of Savannah, in the State of Georgia," approved March third, eighteen hundred and fifty-five.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Application of the balance of the unexpended appropriation made by the priation of 1855, act of third March, eighteen hundred and fifty-five, "for c. 170, for removing certain obstructions in the Savannah River," in Savannah Harmay be, and is hereby authorized to be applied, under the direction of the Secretary of War, to remove the bars, shoals, banks, and other impediments in said river, caused by said obstructions, as proposed in the project of the commissioners, approved by the War Department in February, eighteen hundred and fifty-three.

Approved, August 7, 1856.

Aug. 16, 1856. Vol. 11, p. 44. CHAP. 121.—An Act For the improvement of the navigation of the Patapsco River, and to render the port of Baltimore accessible to the war steamers of the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the sum of one hundred thousand dollars be, and the same to a name 1 of is hereby appropriated, out of any money in the treasury Patapsco River. not otherwise appropriated, to be expended, under the direction of the Secretary of War, in deepening the channel of the Patapsco River, and in rendering the port of Baltimore accessible to the steam frigates and other war vessels of the United States.

In the Senate of the United States, August 16th, 1856.

The President of the United States, having returned to the Senate, in which it originated, the bill entitled "An act for the improvement of the navigation of the Patapsco River, and to render the port of Baltimore accessible to the war steamers of the United States," with his objections thereto, the Senate proceeded, in pursuance of the constitution, to reconsider the same; and Resolved, That the said bill do pass, two-thirds of the Senate agreeing to pass the same.

Attest:

Asbury Dickins, Secretary. IN THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES. August 16th, 1856.

The House of Representatives having been notified by the Senate that the bill entitled, "An act for the improvement of the navigation of the Patapsco River, and to render the port of Baltimore accessible to the war steamers of the United States," had been returned by the President, with his objections, to the Senate, in which it originated, and that the Senate having proceeded, in pursuance of the constitution, to reconsider the same, had "Resolved, that the said bill do pass, two thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the constitution, to reconsider the said bill, and,

Resolved. That the said bill do pass, two thirds of the

House of Representatives agreeing to pass the same. Attest:

Wm. Cullom. Clerk House of Reps.

CHAP. 126.—An Act For continuing the improvement of the Des Moines Rapids, in the Mississippi River.

Aug. 16, 1856. Vol. 11, p. 51.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation there be, and is hereby appropriated, out of any money in improvement of the sum of two Des Moines the treasury not otherwise appropriated, the sum of two Rapids. hundred thousand dollars, for continuing the improvement of the Des Moines Rapids, in the Mississippi River, to be expended under the superintendence of the Secretary of War.

## IN THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES, August 11th, 1856.

The President of the United States having returned to the House of Representatives, in which it originated, the bill entitled "An act for continuing the improvement of the Des Moines Rapids, in the Mississippi River," with his objections thereto, the House of Representatives proceeded, in pursuance of the Constitution, to reconsider the same; and Resolved, That the said bill do pass, two thirds of the House of Representatives agreeing to pass the same. Attest: Wm. Cullom,

Clerk of House Representatives.

IN THE SENATE OF THE UNITED STATES, August 16th, 1856.

The Senate having proceeded, in pursuance of the Constitution, to reconsider the bill entitled "An act for continuing the improvement of the Des Moines Rapids, in the Mississippi River," returned to the House of Representatives by the President of the United States, with his objections, and sent by the House of Representatives to the Senate, with the message of the President returning the bill:

Resolved. That the bill do pass, two thirds of the Senate agreeing to pass the same.

Attest:

ASBURY DICKINS. Secretary.

Feb. 26, 1857. Vol. 11, p. 166.

CHAP, 60.—An Act To authorize the people of the Territory of Minnesota to form a constitution and State government, preparatory to their admission in the Union on an equal footing with the original States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Inhabitants of the inhabitants of that portion of the Territory of Minnepart of Minnesoto soft which is embraced within the following limits, to wit: form constitu- \* be and they are hereby authorized to form for themselves a Constitution and State Government, by the name of the State of Minnesota, and to come into the Union on an equal footing with the original States, according to the federal constitution.

Propositions to be acted on by convention.

government.

Sec. 5 And be it further enacted. That the following propositions be, and the same are hereby offered to the said convention of the people of Minnesota for their free acceptance or rejection, which, if accepted by the convention, shall be obligatory on the United States and upon the said State of Minnesota, to wit:

Fifth. That five per centum of the net proceeds of sales

Percentage on land sales.

of all public lands lying within said State, which shall be sold by Congress after the admission of the said State into the Union, after deducting all the expenses incident to the same, shall be paid to said State, for the purpose of making public roads and internal improvements, as the legislature Propositions shall direct: Provided, The foregoing propositions herein Propositions offered are on the condition, that the said convention which shall form the constitution of said State shall provide, by a clause in said constitution, or an ordinance, irrevocable without the consent of the United States, that said State shall never interfere with the primary disposal of the soil within the same, by the United States, or with any regulations Congress may find necessary for securing the title in said soil to bona fide purchasers thereof; and that no tax shall be imposed on lands belonging to the United States, and that in no case shall non-resident proprietors be taxed higher than residents.

Approved, February 26, 1857.

CHAP. 173.—An Act For the relief of Collier H. Minge, Philip T. Ellicott, and Lucretia A. Brodie, administratrix of Charles Brodie.

Mar. 3, 1857. Vol. 11, p. 520.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That below the Secretary of the Treasury be and he is hereby directed, Minge, P. T. Elout of any money in the treasury not otherwise appro-licott, and L. A. Brodie, administrated, to pay to Collier H. Minge, Philip T. Ellicott, tratrix of C. and Lucretia A. Brodie, administratrix of Charles Brodie, the sum of six thousand nine hundred and nineteen dollars and thirty-eight cents, to be divided equally among them; and to Collier H. Minge and Philip T. Ellicott, s13,913.62 to be the sum of thirteen thousand nine hundred and thirteen Minge and P. T. dollars and sixty-two cents, to be equally divided among Ellicott. The said sums being in full for the amount due on a contract dated fifth December, eighteen hundred and thirty-eight, for excavating the channel on Dog-River bar, in the Bay of Mobile.

Approved, March 3, 1857.

CHAP. 112.—An Act For the relief of Alonzo and Elbridge G. Colby.

June 7, 1858. Vol. 11, p. 543.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That \$2,502.11 to be the sum of twenty-five hundred and two dollars and Elbridge G. Coleleven cents be, and the same is hereby, appropriated, out by, being balancedue on conof any moneys in the Treasury of the United States not tract. otherwise appropriated, to and for Alonzo Colby and Elbridge G. Colby, of the town of Buck[s]port, in the State of Maine, the sum being the balance due them on their contract with the United States, dated July twentyfour, eighteen hundred and fifty-five, for constructing a breakwater at Owl's Head harbor, Penobscot River, Maine.

Approved, June 7, 1858.

CHAP. 133.—An Act For the relief of certain settlers on the public lands in the State of Wisconsin.

June 9, 1858. Vol. 11, p. 313.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the even-numbered sections of land selected by der act of 1846, c. the State of Wisconsin in the month of June, in the year 170, for improve-eighteen hundred and forty-nine, to satisfy the quantity of wisconsin rivers, land due said State under the act of Congress of August confirmed to Wiseighth, eighteen hundred and forty-six, granting land in aid of the improvement of the Fox and Wisconsin rivers, as have been sold, or contracted to be sold, by said State or its assigns, under the laws thereof, are hereby confirmed to said State, as parts of said grant, and the title of the purchasers declared to be valid as though the said selections had been made in conformity with law: Provided, That Proviso.

Certain selec-

Dennien

nothing contained in this act shall be construed to increase the quantity of land to which the State is entitled under the grant aforesaid: And provided further, That a schedule duly certify [certified] by the governor, of the lands sold and contracted for to be sold, prior to the passage of this act, shall be filed in the General Land-Office within six months from the date of this act.

Approved, June 9, 1858.

June 9, 1858.

channel.

1856, c. 55.

[No. 23.] A Resolution Authorizing the Secretary of War to expend Vol. 11, p. 371. the appropriation made July eighth, eighteen hundred and fifty-six, upon such channel of the St. Mary's River as he may select.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Appropriation appropriation of July eighth, eighteen hundred and fiftyin excavating six, made for the improvement of St. Mary's River, in the State of Michigan, may be expended in excavating such channel as, from the evidence which he may obtain, the Secretary of War shall deem best.

Approved, June 9, 1858.

Feb. 9, 1859. Vol. 11, p. 559. CHAP. 30.—An Act For the relief of Henry Hubbard.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That \$672.75, and in there be allowed and paid, out of any money in the treasury terest, to be paid not otherwise appropriated, to Henry Hubbard, the sum of six hundred and seventy-two dollars and seventy-five cents, for his services as United States agent charged with the safe-keeping of the public property at the harbor of Ashtabula, in the State of Ohio, as certified by the Bureau of Topographical Engineers, with interest, at the rate of six per centum per annum, from the eleventh of June, eighteen hundred and fifty-six, from which time payment is shown

to have been delayed for want of appropriation.

Approved, February 9, 1859.

Feb. 14, 1859. Vol. 11, p. 383. CHAP. 33.—An Act For the admission of Oregon into the Union.

Preamble.

Whereas the people of Oregon have framed, ratified, and adopted a constitution of State government which is republican in form, and in conformity with the Constitution of the United States, and have applied for admission into the Union on an equal footing with the other States: Therefore-

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Oregon admit-Oregon be, and she is hereby, received into the Union on an equal footing with the other States in all respects whatever, with the following boundaries:

SEC. 4. And be it further enacted, That the following Proposition propositions be, and the same are hereby, offered to the submitted said people of Oregon for their free acceptance or rejection. which, if accepted, shall be obligatory on the United States and upon the said State of Oregon, to wit:

Fifth. That five per centum of the net proceeds of sales land sales. Percentage on of all public lands lying within said State which shall be sold by Congress after the admission of said State into the Union, after deducting all the expenses incident to the same, shall be paid to said State, for the purpose of making public roads and internal improvements, as the legislature shall direct: Provided. That the foregoing propositions. hereinbefore offered, are on the condition that the people of which Oregon shall provide by an ordinance, irrevocable without tions are offered. the consent of the United States, that said State shall never interfere with the primary disposal of the soil within the same by the United States, or with any regulations Congress may find necessary for securing the title in said soil to bona fide purchasers thereof; and that in no case shall non-resident proprietors be taxed higher than residents.

Sixth. And that the said State shall never tax the lands United states however, That in case any of the lands herein granted to the State of Oregon have heretofore been confirmed to the Territory of Oregon for the purposes specified in this act, the amount so confirmed shall be deducted from the quan-

tity specified in this act.

Approved, February 14, 1859.

[No. 12.] A Resolution Authorizing the enlargement of, and construction of a branch to, the Louisville and Portland Canal.

May 24, 1860. Vol. 12, p. 116.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Louisville and the President and Directors of the Louisville and Portland to be enlarged Canal Company be, and they are hereby, authorized, with the revenues and credits of the company, to enlarge the said canal and to construct a branch canal from a suitable point on the south side of the present canal, to a point in the Ohio River, opposite Sand Island, sufficient to pass the largest class of steam-vessels navigating the Ohio River: Provided, That nothing herein contained, shall authorize the said president and directors, directly or indirectly, to use or pledge the faith or credit of the United States for the said enlargement or construction. It hereby being United States expressly declared, that the Government of the United States shall not be in any manner liable for said enlarge-

Conditions on

Proviso.

United States

Tolls.

ment and construction: Provided, further, That when said canal is enlarged and its branch canal constructed and its cost of said improvements paid for, no more tolls shall be collected than an amount sufficient to keep the canal in repair and pay for all necessary superintendence and management.

Approved, May 24, 1860.

June 9, 1860. Vol. 12, p. 849. CHAP. 99.—An Act For the relief of Shade Calloway.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to be the proper accounting officers allow and pay out of the Calloway for treasury to Shade Calloway the sum of one thousand three work on Tennessee River.

hundred and fifty dollars, for work done by him on the Tennessee River, under his contract with Brevet Lieutenant-Colonel J. McClelland, dated the sixteenth of September, eighteen hundred and fifty-three, according to the account approved and certified by the agent placed in charge of said work at the death of the said officer.

Approved, June 9, 1860.

June 12, 1860. Vol. 12, p. 29. CHAP. 114.—An Act To liquidate the unadjusted contracts of the Tennessee River improvement.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Certain con-all contracts made by the duly authorized officers of the dited and paid. Government, appointed under the act of thirty-second Congress making an appropriation of fifty thousand dollars for the improvement of the Tennessee River, shall be audited by the accounting officers of the treasury, and paid out of any money in the treasury not otherwise appropriated[a].

Approved, June 12, 1860.

Jan. 19, 1861. Vol. 12, p. 125, CHAP. 11.—An Act To continue in force an Act therein mentioned, relating to the port of Baltimore.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That revived in part the act passed the seventeenth day of March, one thousand and extended to eight hundred, entitled "An act declaring the assent of Mar. 3, 1871.

Mar. 3, 1871.

See acts 1808. Congress to certain acts of the States of Maryland and c. 47; 1814, c. 60; Georgia," and which by subsequent acts have been contin1822. c. 29; 1828, c. 34; ued in force until the third day of March, one thousand 1843, c. 46; 1850, eight hundred and sixty-one, be and the same, so far as it relates to the act of the State of Maryland, is hereby revived

 $<sup>^{</sup>a}$  The amount paid by the Treasury Department under this act was \$1,406.94.

and continued in force until the third day of March, one thousand eight hundred and seventy-one: Provided. That the duty shall not be levied on any vessel more than once in any month.

Dronvien

Approved, January 19, 1861.

CHAP. 20.—An Act For the admission of Kansas into the Union.

Jan. 29, 1861. Vol. 12, p. 126.

Preamble.

Whereas the people of the Territory of Kansas, by their representatives in Convention assembled, at Wyandott, in said Territory, on the twenty-ninth day of July, one thousand eight hundred and fifty-nine, did form for themselves a constitution and State government, republican in form, which was ratified and adopted by the people at an election held for that purpose on Tuesday, the fourth day of October, one thousand eight hundred and fifty-nine, and the said Convention has, in their name and behalf, asked the Congress of the United States to admit the said Territory into the Union as a State, on an equal footing with the other States: Therefore

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the State of Kansas shall be, and is hereby declared to be, Kansas admitted as State. one of the United States of America, and admitted into the Union on an equal footing with the original States in all respects whatever.

SEC. 3. And be it further enacted, That nothing in this act congress does not assent, etc. shall be construed as an assent by Congress to all or to any of the propositions or claims contained in the ordinance of said constitution of the people of Kansas, or in the resolutions thereto attached; but the following propositions propositions to are hereby offered to the said people of Kansas for their popular vote free acceptance or rejection, which, if accepted, shall be obligatory on the United States and upon the said State of Kansas, to wit:

Fifth, That five per centum of the net proceeds of sales Percentage on of all public lands lying within said State which shall be had sales shall sold by Congress after the admission of said State into the for making roads and internal im-Union, after deducting all the expenses incident to the provements. same, shall be paid to said State for the purpose of making public roads and internal improvements, or for other purposes, as the Legislature shall direct: Provided, That the foregoing propositions hereinbefore offered are on the condition that the people of Kansas shall provide by an ordinance, irrevocable without the consent of the United States, that said State shall never interfere with the primary disposal of the soil within the same by the United States, or with any regulations Congress may find necessary for securing the title in said soil to bona fide purchasers thereof.

Conditions.

Sixth. And that the said State shall never tax the lands or

State not to

that property of the United States in said State: Provided. Provise as to however, That in case any of the lands herein granted to lands heretofore the State of Kansas have heretofore been confirmed to the confirmed to Territory of Kansas for the purposes specified in this act, the amount so confirmed shall be deducted from the quantity specified in this act.

Approved, January 29, 1861.

[No. 9.] Joint Resolution Giving the assent of Congress to certain Feb. 21, 1861. vol. 12, p. 250. Acts passed, or to be passed, by the legislatures of the States of Arkansas, Louisiana, and Texas, or any two of them, in relation to the "raft" of Red River, and for other purposes.

Resolved by the Senate and House of Representatives of Assent of Con- the United States of America in Congress assembled. That gress given to the Children of Congress be, and the same is hereby, given, to ing navigation of any acts that have been, or may be, passed by the Legislatures of the States of Arkansas, Louisiana, and Texas, or of any two of them, having for their object the improvement of the navigation of Red River by the removal of the "Raft" therefrom.

Tolls may be charged, etc., for thirty years.

Sec. 2. And be it further resolved. That Congress hereby assents, that after and so soon as any company incorporated by the States aforesaid, or any two of them, for the purpose, shall have removed the obstructions to navigation in Red River caused by the "Raft," and have rendered the same navigable, and not before, the said States, or any two of them, may, through the said company, under and in accordance with, and in the mode provided by, the acts incorporating the same, for the benefit of the company and to reimburse to it its expenditures in removing said "Raft," levy and collect, by way of commutation for duties of tonnage, tolls upon all boats or other water-crafts ascending or descending said river, and passing through the portion thereof that shall so have been improved and rendered navigable, not to exceed the following sums: that is to say, fifty cents on and for each bale of cotton, and twenty-five cents on and for each barrel of goods, wares, and merchandise wherewith such boats or crafts may be laden; and that this privilege may continue until the expiration of thirty years from the ninth day of March, Anno Domini eighteen hundred and sixty: Provided, That nothing herein contained shall authorize the said company to impair the navigation of Red Bayou: Provided, further, That the United States shall have the right, at any time after the expiration of ten years, to take possession of the work by paying to the company the amount of expenditure, with seven per centum interest.

Approved, February 21, 1861.

Proviso

Proviso.

CHAP. 1.—An Act Declaring the assent of Congress to an Act of Jan. 16, 1864 the legislature of the State of Illinois, therein named.

Vol. 13, p. 1,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That City of Chicago the consent of congress is hereby given to the operation of in navigable wathe eleventh section, chapter fifteen, of the act of the gen-ters of Lake eral assembly of the State of Illinois, approved February tect aqueduct thirteenth, eighteen hundred and sixty-three, entitled "An act to reduce the charter of the city of Chicago, and the several acts amendatory thereof, into one act, and to revise the same."—which section is as follows: "Said city shall have the power to extend aqueducts or inlet-pipes into Lake Michigan, so far as may be deemed necessary to insure a supply of pure water, and to erect a pier or piers in the navigable waters of said lake, for the making, preserving, and working of said pipes or aqueducts: Provided, That Piers to be such piers shall be furnished with a beacon-light, which shall be lighted at all such seasons and hours as the light on the pier at the entrance of Chicago river."

Approved, January 16, 1864.

### CHAP. 55.—An Act For the relief of Daniel Wormer.

Apr. 9, 1864. Vol. 13, p. 578.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to Daniel Wormer the Secretary of the Treasury be, and he hereby is, directed, for timber, etc., out of any money in the treasury not otherwise approprisodus Bay, N. Y. ated, to pay to Daniel Wormer the sum of one thousand seven hundred and seventy-eight dollars and thirty-six cents, in full for all percentage retained by the Government on payments heretofore made to him, and for all timber or other materials furnished by him in the construction of the pier at Little Sodus Bay, on Lake Ontario.

Approved, April 9, 1864.

CHAP. 56.—An Act For the relief of Darius S. Cole.

Apr. 9, 1864. Vol. 13, p. 578.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to the Secretary of the Treasury be, and he is hereby, directed, materials for pier out of any money in the treasury not otherwise appropri- at Little Sodus, Bay, N. Y. ated, to pay to Darius S. Cole the sum of two thousand two hundred and twenty-four dollars, in full for materials furnished to the United States for the construction of the pier in Little Sodus Bay, Lake Ontario.

Approved, April 9, 1864.

Apr. 9, 1864. Vol. 13, p. 579. CHAP. 57.—An Act For the relief of William G. Brown.

Re it enacted by the Senate and House of Representatives Payment to of the United States of America in Congress assembled, That forstone, etc., for the Secretary of the Treasury be, and he hereby is, directed, pier at Little So-dus Bay. N. Y. out of any money in the treasury not otherwise appropriated, to pay to William G. Brown the sum of ninetv-nine dollars, in full for stone or other materials used by order of the agents of the Government in the construction of a pier in Little Sodus Bay, on Lake Ontario, in the year one thousand eight hundred and fifty-three.

Approved. April 9, 1864.

May 19, 1864. Vol. 13, p. 580. CHAP. 91.—an Act or the relief of Charles L. Nelson

Re it enacted by the Senate and House of Representatives Payment to of the United States of America in Congress assembled, That son for services the Secretary of the Treasury be, and he is hereby, directed as agent for im to pay to Charles L. Nelson the sum of three hundred and Burlington Har eight dollars, out of any money in the treasury not otherwise appropriated, it being for his services as agent for the improvement of the harbor of Burlington, Vermont, from the fifteenth day of January, eighteen hundred and fiftythree, to the second day of April, eighteen hundred and fifty-three, inclusive, at four dollars per day.

Approved, May 19, 1864.

June 28, 1864.

CHAP. 168.—An Act To provide for the repair and preservation Vol. 13, p. 200. of certain public works of the United States.

to preserve cer-Lakes.

Be it enacted by the Senate and House of Representatives Appropriation of the United States of America in Congress assembled. That tain public works there be, and hereby is, appropriated, out of any money in on Northern and the treasury not otherwise appropriated, the sum of two hundred and fifty thousand dollars, to be expended under the direction of the Secretary of War, in protecting the commerce of the lakes by causing the public works connected with the harbors on Lakes Champlain, Ontario, Erie, St. Clair, Huron, Michigan, and Superior, to be repaired and made useful for purposes of commerce and navigation, so far as the same, in his judgment, may be necessary.

Appropriations to preserve ceron seaboard.

Sec. 2. And be it further enacted, That there be, and tain public works hereby is, appropriated, out of any money in the treasury not otherwise appropriated, the further sum of one hundred thousand dollars, to be expended under the direction of the Secretary of War, in repairing and rendering useful for purposes of commerce and navigation such of the public works connected with the harbors on the seaboard of the United States as may, in his judgment, need such expenditure.

Approved, June 28, 1864.

Statement showing the works of river and harbor improvement to which the appropriations made by the foregoing act, approved June 28, 1864, were distributed. and the amount allotted to each work, viz:

## [Appropriation of \$250,000.]

Burlington Harbor, Vermont \$13,500.00 Buffalo Harbor, New York 15,000.00	
Charlotte Harbor (Genesee River), New York	
Oswego Harbor, New York	)
Plattsburg Harbor, New York 2,000.00	)
Erie Harbor, Pennsylvania	)
Chicago Harbor, Illinois 25,000.00	)
Vermilion Harbor, Ohio	7
Black River (Lorain Harbor) Ohio	)
Cleveland Harbor, Ohio	)
Fairport Harbor (Grand River), Ohio	Ł
Sandusky Harbor, Ohio 10,000.00	)
St. Joseph Harbor, Michigan 15,000.00	)
Milwaukee Harbor, Wisconsin	)
Racine Harbor, Wisconsin	)
Sheboygan Harbor, Wisconsin	
Balance [a] 5, 687. 79	)
Total [b] 250, 000. 00	0

#### [Appropriation of \$100,000,]

Susquehanna River, near Havre de Grace, and Patapsco	)
River, near Baltimore, Maryland	
Hudson River, New York	35, 000. 00
Plymouth Beach, Massachusetts	8, 315, 00
Provincetown Harbor, Massachusetts	
Balance (contingencies, etc.)	
	100 000 00

[No. 59.] A Resolution For the relief of the State of Wisconsin.

July 1, 1864. Vol. 13, p. 413.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Wisconsin to be the Secretary of the Department of the Interior shall, in ceeds of sales of adjusting the amount due the State of Wisconsin, under land granted to existing laws, as five percentum of the net proceeds of Rock River Casales of the public lands within her limits, estimate and charge against how the value of the rest. charge against her the value of the one hundred and twenty-five thousand four hundred and thirty-one and eighty-two one-hundredths acres of land granted to the Territory of Wisconsin, to aid in the construction of the Milwaukie and Rock River Canal which have been sold by said territory or said state, at one dollar and twenty-five cents per acre, and as much more as the territory and state received upon the same upon sales of any part

The whole of this allotment appears to have been expended on

Baltimore Harbor.

a It is not known to what works the expenditure of this balance was

 $<sup>\</sup>hat{b}$  In 1868 \$10,000 of this appropriation was allotted for St. Marys River, Michigan, which amount was probably derived from the unexpended balances of the other allotments.

with what

To be credited thereof at a higher price, and shall credit said state with the amount that has been legally and properly applied by said state or territory towards the cost of selling said land and towards the construction of said canal. Allowance to And the said secretary shall also settle and allow to the canal company. Milwankie and Rock River Canal Company such sums of money as have been properly expended by said company in the survey and location of said canal, in the construction thereof, as far as the same has been constructed, together with dams, locks, and slack-water navigation, and in the management and keeping the same in repair: and the same shall be paid to the said canal company out of any money in the treasury not otherwise appropriated, not exceeding

in amount, however, the balance charged against the State of Wisconsin upon the sales of said canal lands, as above required, after deducting the sum allowed said state for money paid by her out of the same fund. The same to be received by said canal company in full payment and satisfaction of all claims of said company against the state of Wisconsin and of the United States on account of said canal land grant, or on account of any action of the Territory or State of Wisconsin, or of the United States, in relation thereto.

Commissioner

SEC. 2. And be it further resolved, That the commissioner General Land Office to adjust of the general land-office be, and he is hereby, appointed commissioner to adjust the accounts herein provided for, under the supervision of the Secretary of the Interior, and to determine what sum shall be charged to said State of Wisconsin for the lands granted for the construction of said canal; and what sums shall be credited, respectively, to said state and said company for the moneys expended by them in the construction of said locks and canal as herein provided.

Approved, July 1, 1864.

July 2, 1864.

CHAP. 211.—An Act Making appropriations for the construction, Vol. 13, p. 353, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixty-five, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the following sums be, and they are hereby, appropriated, for fortifications, out of any money in the treasury not otherwise approetc. priated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixty-five:—

For sea-wall of Great Brewster's Island, forty thousand Great Brewster Island, Boston, dollars.

For repair of sea-walls on Deer and on Lovell's Island, Deer and n thousand dollars.

Deer and n Lovell's Islands, Boston, Mass. ten thousand dollars.

For repairs and completion of sea-wall at Buffalo, thirty- Buffalo, N. Y. seven thousand five hundred dollars.

Approved, July 2, 1864.

Feb. 28, 1865. Vol. 13, p. 442.

CHAP. 68.—An Act Making appropriations for the construction, preservation, and repairs of certain fortifications and other works of defence, for the year ending the thirtieth of June, eighteen hundred and sixty-six.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums be, and they are hereby, appropriated, out of any money in the treasury not otherwise appropriated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the vear ending the thirtieth of June, eighteen hundred and sixty-six:

For sea-wall of Great Brewster's Island, Boston harbor. Brewster Island. Massachusetts, twenty thousand dollars.

Sea wall, Great

Sea wall, Deer For repairs of sea-walls on Deer and on Lovell's Islands, and Lovells is-Boston harbor, Massachusetts, three thousand dollars.

Approved, February 28, 1865.

CHAP. 72.—An Act Granting to the Michigan City Harbor Company the use of Government piers in said harbor for the purpose of protecting said harbor.

Feb. 28, 1865. Vol. 13, p. 445.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Use of certain to the United States of America in Congress assembled, That Diers granted to there is hereby granted to the Michigan City Harbor Michigan Company of Michigan City in the State of Indiana, the Harbor Co. Company, at Michigan City, in the State of Indiana, the privilege of using the foundations of the old government piers now in said harbor, for the purpose of improving and protecting the said harbor, and no expenses made by the said harbor company for this purpose shall be considered a charge against the government.

Approved, February 28, 1865.

Mar. 3, 1865. CHAP. 102.—An Act Granting land to the State of Michigan, to Vol. 13, p. 519 aid in building a harbor and ship-canal at Portage Lake, Kewenaw Point, Lake Superior.

Be it enacted by the Senate and House of Representatives of Michigan may the United States of America in Congress assembled. That locate, etc., ship there be, and is hereby, granted to the State of Michigan canal, etc. the right of locating and constructing a breakwater and Portage."

harbor and ship canal through harbor and ship canal through any public lands at or upon 1886, c. 161. the neck of land on Lake Superior known as "The Port-

Limit to grant. age: " Provided. That not more than one thousand feet in width on the bank of Lake Superior shall be occupied by said breakwater and harbor, and that a strip of land not more than four hundred feet in width on said neck of land shall be occupied by said canal: And provided, further, That Width and said ship-canal shall be at least one hundred feet in width.

depth of canal. with a depth of water not less than thirteen feet.

Grant to Mich-SEC. 2. And be it further enacted. That there be, and igan of public lands to aid in hereby is, granted to the said State of Michigan, for the building ship purpose of aiding said State in constructing and completing canal a harbor and ship-canal to connect the waters of Lake

Superior with the waters of Portage Lake, two hundred Howandwhere thousand acres of public lands, to be selected in subdiviselected. sions agreeably to the United States survey, by an agent

or agents appointed by the governor of said state, subject to the approval of the Secretary of the Interior, from any lands in the upper peninsula of said state, subject to private entry: Provided, That said selections shall be made from alternate and odd-numbered sections of land nearest the location of said canal in said upper peninsula, not otherwise appropriated, and not from lands designated by the United States as "mineral" before the passage of this act. nor from lands to which the rights of preëmption or home-

stead have attached.

Proviso.

Lands granted SEC. 3. And be it further enacted, That the same names to be subject to the disposal of the legisdisposal by State, hereby granted shall be subject to the disposal of the legisdisposal by State. Sec. 3. And be it further enacted, That the said lands lature of said state, or, if the legislature thereof shall not be in session, or shall adjourn within ten days after the passage and approval of this act, then said lands shall be subject to the disposal of the governor and board of control of said state, for the purpose aforesaid and for no

Canal to be other; and the said canal shall be and remain a public public highway, and the Said Carlot States of the Government of the United to United States States, free from toll or charge upon the vessels of said government, or upon vessels employed by said government in the transportation of any property or troops of the

United States.

Route of canal to be established disposed of.

Sec. 4. And be it further enacted, That before it shall be before lands are competent for said state to dispose of any of said lands, to be selected as aforesaid, the plan of said breakwater and harbor, and the route of said canal shall be established as aforesaid, and a plat or plats thereof shall be filed in the office of the War Department, and a duplicate thereof in the office of the commissioner of the general land-office.

SEC. 5. And be it further enacted, That if the said break-unless canal water, harbor, and ship-canal shall not be completed within intwo years, land two years from the passage of this act, the lands hereby to revert. 1869, Res. No. 16; granted shall revert to the United States. 1871, Res. No. 47; 1872, c. 66; 1873, c.

Sec. 6. And be it further enacted. That the legislature of said state shall cause to be kept an accurate account of the Account of salesoflands and sales and net proceeds of the lands hereby granted, and of net proceeds and all expenditures in the construction, repairs, and operating penditures, to be of said canal, and of the earnings thereof, and shall return kept. a statement of the same annually to the Secretary of the Interior; and whenever said state shall be fully reimbursed when State is for all advances made for the construction, repairs, and to be such only operating of said canal, with legal interest on all advances, penses of canal. until the reimbursement of the same, or upon payment by the United States of any balance of such advances over such receipts from said lands and canal, with such interest. the said state shall be allowed to tax for the use of said canal only such tolls as shall be sufficient to pay all necessary expenses for the care, charge, and repair of the same.

Approved, March 3, 1865.

CHAP. 32.—An Act Granting to the State of Wisconsin a donation of public lands to aid in the construction of a breakwater and harbor and ship canal at the head of Sturgeon Bay, in the county of Door, in said State, to connect the waters of Green Bay with Lake Michigan,

Apr. 10, 1866. Vol. 14, p. 30,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Grant of land to Wisconsin for there be, and hereby is, granted to the State of Wisconsin breakwater, harfor the purpose of aiding said State in constructing and com-bor, and ship pleting a breakwater and harbor and ship canal to connect the waters of Green bay with the waters of Lake Michigan, two hundred thousand acres of public lands, to be selected in subdivisions agreeably to the United States survey, by an agent or agents appointed by the governor of said State. subject to the approval of the Secretary of the Interior, from lands subject to private entry: Provided. That said selections shall all be made from alternate and odd numbered made. sections of land nearest the location of said harbor and canal in said State not otherwise appropriated, and not from lands designated by the United States as "mineral" before the passage of this act, nor from lands to which the rights of pre-emption or homestead have attached.

Proviso: Selections, how

SEC. 2. And be it further enacted, That the said lands to disposal of hereby granted shall be subject to the disposal of the leg-legislature, etc. islature of said State, or, if the legislature thereof shall not be in session, or shall adjourn within ten days after the passage and approval of this act, then said lands shall be subject to the disposal of the governor and board of commissioners of school, university, and swamp lands of said State. for the purposes aforesaid, and for no other; and the said

Canal to be canal shall be and remain a public highway for the use of public highway, the government of the United States, free from toll or charge upon the vessels of said government, or upon vessels employed by said government in the transportation of any property or troops of the United States.

Plans, etc., to be filed in Departments.

SEC. 3. And be it further enacted, That before it shall be competent for said State to dispose of any of said lands. to be selected as aforesaid, the plan of said breakwater and harbor and the route of said canal shall be established. and a plat or plats thereof shall be filed in the office of the War Department, and a duplicate thereof filed in the office of the Commissioner of the General Land Office.

Unless work is 1872, c. 23.

SEC. 4. And be it further enacted. That if the said breakcompleted in 3 water, harbor, and canal, shall not be completed within years, unsold water to three years from the passage of this act, the lands hereby united states. granted and remaining unsold shall revert to the United States.

Account to be only such tolls,

SEC. 5. And be it further enacted. That the legislature of kept; and when work is paid for, said state shall cause to be kept an accurate account of the sales and net proceeds of the lands hereby granted, and of all expenditures in the construction, repairs, and operating of said canal, and of the earnings thereof, and shall return a a statement of the same annually to the Secretary of the And whenever said State shall be fully reimbursed for all advances made for the construction, repairs, and operating of said canal, with legal interest on all advances until the reimbursement of the same, or upon payment by the United States of any balance of such advances over such receipts from said lands and canal, with such interest, the said State shall be allowed to tax for the use of said canal only such tolls as shall be sufficient to pay all necessary expenses for the care, charge, and repair of the

Width depth of canal.

Sec. 6. And be it further enacted, That said ship canal shall be at least one hundred feet in width, with a depth of water not less than thirteen feet.

Approved, April 10, 1866.

June 12, 1866. Vol. 14, p. 61.

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CHAP. 115.—An Act Making appropriations for the construction, preservation, and repairs of certain fortifications and other works of defence, for the year ending June thirty, eighteen hundred and sixtyseven.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixtyseven:

For sea-wall at Great Brewster's island, Boston harbor, Sea wall, Great Brewster Island. Massachusetts, seventy-five thousand dollars.

For sea-walls on Deer and Lovell's islands, Boston har-Deer and Lovells bor, Massachusetts, fifty thousand dollars.

Approved, June 12, 1866.

CHAP. 138.—An Act Making appropriations for the repair, preservation, and completion of certain public works heretofore commenced under the authority of law, and for other purposes.

June 23, 1866.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the following sums of money be, and the same are hereby, evention and appropriated, to be paid out of any money in the treasury expression public not otherwise appropriated, to be expended under the works. direction and superintendence of the Secretary of War, for the repair, preservation, and completion of the following works, heretofore commenced under the authority of law, and for the other purposes hereinafter named, that is

to sav:

For examination and survey of works of improvement Examinations for which appropriations have been heretofore made, and and surveys. concerning which no sufficient information is now in possession of the department, and for examination and survey at other points in the fourth section of this act specified. that is to say, on the Atlantic coast thirty thousand dollars: on the Pacific coast twenty-five thousand dollars: on the northwestern lakes one hundred thousand dollars; on the western and northwestern rivers one hundred thousand And the Secretary of War, when the public interests require it, shall cause examinations or re-examina- Reexamitions to be made, with suitable surveys of the works nations and changes in plans, aforesaid, and all other works provided for by this act, and shall make such changes or modifications of the plans heretofore adopted for their improvement as shall be necessary and proper. And he shall cause such needful exam-Examination ination of other harbors and places in the fourth section of harbors to of this act specified, upon the sea and lake coasts, and on provements, etc., western rivers, to be made as will enable him to determine make them safe what improvements thereof are required to render them for navigation. safe and convenient for the navigation of the naval and commercial vessels of the United States and the cost of such improvements, and he shall make full report thereof. and of the plans deemed advisable therefor, to Congress, at the commencement of the next session, for such action as may be judged expedient and right. And if, upon such examination and survey of works first herein named, being works now existing or in process of completion, and concerning which no sufficient information is now in the possession of the department, there shall remain an unexpended Application of balance of appropriation properly applicable thereto from pendedbalances. the sums herein appropriated, which may, in the judgment

Report to Con-

of the Secretary of War, be judiciously applied towards the economical and needful continuation or completion of such works, the Secretary of War shall direct such balance to be applied and used accordingly; but no moneys shall be used for such purposes, excepting from the balances remaining from appropriations herein made for the specific examination and survey of such works.

Breakwater at Portland Harbor.

For extending the breakwater at Portland harbor, Maine, one hundred and five thousand one hundred and eleven dollars and five cents.

Hudson River. For improvement of navigation of Hudson river, New

York, fifty thousand dollars.

For preservation of Provincetown harbor, Massachusetts, forty-three thousand and sixty-eight dollars and

forty-four cents.

Thames River. For improvement of Thames river, Connecticut, ten thousand dollars.

Breakwater at Burlington, Vt. Vermont, twenty-seven thousand six hundred and seventy-two dollars and twenty cents.

Delaware Breakwater. For completion and repair of Delaware breakwater, Delaware bay, one hundred and seven thousand nine hundred and ten dollars.

Channel of Susquehanna river below Havre de Grace, Maryland, twenty-six thousand four hundred dollars.

Patapsco River. For continuing improvement of Patapsco river, Maryland, five thousand two hundred dollars.

Snag boats and other apparatus.

For construction of snag-boats and other apparatus for clearing western rivers, and for the outfit, working, and preservation thereof, five hundred and fifty thousand dollars.

Secretary of Navy to transfer, and directed, upon such terms as may be agreed on by the of War steamers. Secretary of the Navy and the Secretary of War, to raising snags, transfer to and place at the disposal of the Secretary of etc., from west ern rivers.

War such steamers of the United States, with boats and equipage belonging thereto, and used during the rebellion as portions of the river fleet, as may be so transferred in the judgment of the Secretary of the Navy without detriment to the public service, and as may be conveniently and fitly used in raising snags or removing obstructions from western rivers, so as to render them safe and navi-

gable for the vessels of the United States and for the uses of commerce; and if the same shall be purchased by the Secretary of War, the amounts required for the payment therefor shall be taken from the appropriation aforesaid.

Mouth of Mississippi river, seventy-five thousand dollars.

Mississippi, For improvement of the Mississippi, Missouri, Arkansas, Missouri, Arkansand Ohio rivers, five hundred and fifty thousand dollars. ers.

Des Moines For improvement of the Des Moines rapids, Mississippi river, two hundred thousand dollars.

For improvement of the Rock Island rapids, Mississippi Rapids Island river, one hundred thousand dollars.

For improvement of the Saint Clair flats, Michigan, St. Clair flats.

eighty thousand dollars.

St. MarvsRiver. For improvement of the Saint Mary's river, between

Lake Superior and Lake Huron, fifty thousand dollars.

For improvement of Oswego harbor, New York, and Oswego Harpreservation of the public works at that point, forty-five thousand dollars.

For improvement at Little Sodus Bay harbor, Fairhaven, Little Sodus in Cayuga county, New York, thirty-three thousand eight

hundred and forty dollars and forty-one cents.

For improvement at Big Sodus Bay harbor, Wayne Great Sodus county, New York, fifty-three thousand one hundred and Bay Harbor. fifty-one dollars and eighty cents.

For improvement at the harbor of Genesee river, New Genesee River York, seventy-five thousand six hundred and seven dollars bor).

and thirty cents.

For improvement of harbor at Buffalo, New York, one Harbor and sea wall at Buffalo. hundred thousand dollars.

For completing the sea wall at Buffalo harbor, New

York, thirty-one thousand dollars.

For improvement of harbor and repair of public works Improvement of harbor, etc., at at Erie. Pennsylvania, thirty-six thousand nine hundred Erie. and sixty-one dollars.

For improvement of Conneaut harbor, Ohio, twenty

thousand five hundred and thirteen dollars and seventy-

four cents.

For improvement of Ashtabula harbor, Ohio, twenty- Ashtabula. four thousand seven hundred and eight dollars and eighty-

For improvement of harbor at Grand river, Ohio, twenty- Grand River (Fairport Harfour thousand and seventy-two dollars.

For improvement of harbor at Cleveland, Ohio, fifty- Cleveland.

nine thousand eight hundred and six dollars.

For improvement of harbor at Black river, Ohio, ten Black River (Lorain Harbor). thousand dollars.

For improvement of harbor at Vermillion, Ohio, fifteen thousand three hundred and fifteen dollars and seventyfour cents.

For improvement of harbor at Huron, Ohio, thirty-nine Huron. thousand dollars.

For improvement of harbor at Sandusky City, Ohio, Sandusky. thirty-eight thousand five hundred and eighty dollars.

For improvement of the harbor at Toledo, Ohio, twenty CheloT

thousand dollars.

For improvement of the harbor at Monroe, Michigan, Monroe. thirty-one thousand and fifteen dollars and twenty-seven cents.

For improvement of harbor at Aux Becs Scies, Frank-Aux Becs Scies. fort, Michigan, eighty-eight thousand five hundred and Frankfort. forty-one dollars.

For improvement of harbor at Grand Haven, Michigan, Grand Haven,

sixty-five thousand dollars.

Racine.

Green Bay Har-

F1866

Black Lake (Holland Har-For improvement of harbor at Black Lake, Michigan. fifty-five thousand six hundred and fifteen dollars and thirtybor). one cents.

St. Joseph. For improvement of harbor at Saint Joseph, Michigan. six thousand dollars.

For improvement at the mouth of Saginaw river. Michi-SaginawRiver. gan, sixty-seven thousand five hundred dollars.

For improvement of harbor at Chicago, Illinois, eighty-Chicago.

eight thousand seven hundred and four dollars. Kenosha. For improvement of harbor at Kenosha, Wisconsin. seventy-five thousand four hundred and sixty-one dollars and

fortw-one cents. For improvement of harbor at Racine. Wisconsin.twentv-

three thousand nine hundred and ten dollars.

For improvement of harbor at Milwaukee, Wisconsin. Milwaukee. forty-eight thousand two hundred and eighty-three dollars and fifty-one cents.

For improvement of harbor at Sheboygan, Wisconsin. Shebovgan. forty-seven thousand five hundred and ninety-eight dollars and ninety-one cents.

For improvement of harbor at Manitowoc, Wisconsin, Manitowoc.

fifty-two thousand dollars.

For repairs of government wharves and landings, and Marcushook. improving harbor at Marcus Hook, on Delaware river, Title to be ex- Pennsylvania, five thousand dollars: Provided, That before amined. expenses shall be incurred on said wharves and landings, it

shall be shown to the satisfaction of the Secretary of War that the same belong to the United States. For improvement of the harbor at Green Bay, at the

mouth of Fox river. Wisconsin, thirty thousand five hundred dollars.

Michigan City. For constructing works and improving the entrance into

the harbor of Michigan City, Indiana, seventy-five thousand Amount to be dollars: *Provided*, That it shall be first shown to the satismichigan City faction of the Secretary of War that a sum equal to double Harbor Co. the amount aforesaid has been expended by the Michigan City Harbor Company in the construction of a safe and

Vessels not convenient harbor at that place: And provided, That the subject to toll.

1867, c. 144, §2. passage of vessels to and from said harbor shall be free and not subject to toll or charge.

Kennebec For improvement of the Kennebec river, in the State of River. Maine, between Sheppard Point and the city of Augusta, twenty thousand dollars.

For removal of obstructions to navigation in the Wil-Willamette River. lamette river, between Portland and its mouth, in the State of Oregon, fifteen thousand dollars.

Piers in Saco For continuing the repair of the piers in Saco river, in River. the State of Maine, forty thousand dollars.

Appropriation Sec. 2. And be it further enacted, That the money appropriate so as to priated by this act shall be so applied as to complete, or Sec. 2. And be it further enacted. That the money appromake the nearest approximation to completing, the work for

For other pur which each specific appropriation is made; and it shall be aminations, etc., the duty of the Secretary of War to apply the sums hereby contract. in appropriated for other purposes than for examinations and surveys by contract: Provided, That no contract shall be made until, be made except after public advertisement for proposals in etc. such form and manner as to secure general notice thereof, and the same shall only be made with the lowest responsible bidder therefor, upon security deemed sufficient in the judgment of the Secretary. And it shall be the duty of the Secretary of war to report resaid Secretary, at the earliest practicable time, to report to sults of surveys Congress the result of any survey or resurvey, with the to Congress with plan adopted and the items of expenditure under said plan; and he shall make report of all action taken under the provisions of this act; and he shall accompany said report Report to state with a statement of the amount and date of all former what. appropriations for each work, and a full estimate for its entire and permanent completion, with the amount that can be profitably expended in the next fiscal year. shall also state in what collection district each work is located, and at or near what port of entry, light-house, or fort; what amount of revenue was collected at the nearest port of entry for the last fiscal year; and, as far as practi-26, p. 766. cable, what amount of commerce and navigation would be benefitted by the completion of each particular work; Provided. That he shall continue to make such a report at the until works are commencement of every session of Congress until the works completed. herein provided for shall all be completed.

SEC. 3. And be it further enacted, That whenever the Sec-posals and conretary of War shall invite proposals for any works, or for tracts for each work and each any material or labor for any works, there shall be separate class of works, proposals and separate contracts for each work, and also for etc. each class of material or labor for each work; and he shall report to Congress, at its next session, all the bids with the names of the bidders. All persons not holding commissions Disbursing of ficers, except, in the regular army of the United States who shall be in-etc., to give bond, trusted with the disbursement of the funds appropriated for the works named in this act, shall be required to give bond and ample security for the faithful application of the same; and no such disbursing officer in the army of the United United States officers not to re-

States shall receive any commission or compensation for ceive commismaking such disbursements. And the moneys hereinbefore sions. appropriated shall remain and be at the disposal of the Sec-Appropriations retary of War, and subject to his control for the purposes of Secretary of named in this act, until the several works and improvements War.

herein provided for are completed, any law or regulation to the contrary notwithstanding.

SEC. 4. And be it further enacted, That the Secretary of Examinations or surveys, or. War is hereby directed to cause examinations or surveys, both, to be made or both as aforesaid, to be made at the following points, and purposes of examination. namely:

At Superior City, Eagle Harbor, Marquette, and Lac la Belle, on Lake Superior, and at Ausable river, in the State of Michigan;

Of the Ohio river between Pittsburg, Pennsylvania, and Buffinton island, West Virginia;

Of Sandusky river, Ohio;

At Chester harbor, Pennsylvania;

Vols. 14, p. 421;

Post, pp.164, 607.

Estimates

At Bridgeport, Connecticut; At Hell Gate, New York;

At the port of Ogdensburg, New York;

At San Francisco, California;

At the "Grand Chain," in the Ohio river;

At the harbor of Baltimore, between Fort McHenry and the mouth of the Patapsco river, in the State of Maryland;

Of the Mississippi river, between Fort Snelling and the Falls of Saint Anthony and the upper or Rock River rapids of the Mississippi river, with a view to ascertain the most feasible means, by economizing the water of the stream, of insuring the passage, at all navigable seasons, of boats drawing four feet of water;

Of the Minnesota river, from its mouth to the Yellow Medicine river, in order to ascertain the practicability and expense, by slack water navigation or otherwise, of securing the continued navigability of said stream during the usual

season of navigation:

And for examining and reporting upon the subject of constructing railroad bridges across the Mississippi river, between St. Paul, in Minnesota, and St. Louis, in the State of Missouri, upon such plans of construction as will offer the least impediment to the navigation of the river;

Of Rock river:

The Kennebec river above Gardiner, Maine; The Penobscot river above Hampden, Maine;

At the Zambro river, Minnesota; At the Cannon River, Minnesota;

At the harbor and the mouth of the Eighteen-mile creek, at Olcott, New York;

At St. Croix river[a], above the ledge;

From the mouth of Illinois river to La Salle;

Together with such necessary estimates of cost, as hereinbefore provided, as will enable the Secretary of War to determine what improvements and public works shall be necessary at the respective points aforesaid.

And the Secretary of War shall cause a survey to be made at the harbor of Burlington, Vermont, and the

harbor of Dunkirk, New York;

At the harbor of Oak Orchard creek, New York;

And at Muskegon, White river, Manistee, South Haven, and New Buffalo, in the State of Michigan;

The Fox and Wisconsin rivers, in the States of Wisconsin:

And the Rock river, in the States of Illinois and Wisconsin, with its connections with Lake Winnebago;

And the upper Columbia river, Oregon.

Approved, June 23, 1866.

a Refers to the river of that name in the State of Maine.

CHAP. 160.—An Act Granting certain lands to the State of Mich-July 3 1866 igan to aid in the construction of a ship canal to connect the waters of Vol. 14, p. 80. Lake Superior with the lake known as Lac La Belle, in said State.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That to Michigan to there be, and is hereby, granted to the State of Michigan, aid in construction for the use and benefit of the "Lac La Belle Harbor Imbetween Lake provement Company," a company organized under and by Superior and Lac private of the laws of the State of Michigan for the part La Belle. virtue of the laws of the State of Michigan, for the purpose of aiding in the construction of a ship canal to connect the waters of Lake Superior with the lake known as Lac La Belle, in said State, one hundred thousand acres Amount, and of the public lands of the United States in the upper lected. peninsula of Michigan, to be selected from the oddnumbered sections of land nearest the location of the said canal, not otherwise reserved or appropriated, nor designated by the United States as "mineral lands" prior to the passage of this act, nor to which the rights of preemption or homestead have attached: Provided, That the Size of canal depth of said canal shall be at least one hundred feet wide at the water. top, seventy-five feet wide at the bottom, and shall have, when completed, a depth of water through its entire length of at least twelve feet, running from sixteen feet of water in Lake Superior to fourteen feet of water in Lac La Belle: And provided further, That said canal shall be and remain a public highway for the use of the government of public highway, the United States, free from toll or charge upon the ves- and be free to sels of said government, or upon vessels employed by said United States. government in the transportation of any property or troops of the United States.

SEC. 2. And be it further enacted, That the lands hereby Lands, how to be disposed of by granted shall be subject to the disposal of the legislature Michigan. of the State of Michigan for the purposes aforesaid and no other; that as soon as the governor of the said State shall file, or cause to be filed, with the Secretary of the Interior, a map or plan showing the location of the said When to be canal, then it shall be the duty of the Secretary of the In-market. terior to withdraw from market the lands applicable and subject to the provisions of this act; and whenever the governor of the State of Michigan shall certify to the Secretary of the Interior that the said ship canal has been completed in a good, substantial, and workmanlike manner, in all respects in conformity with the provisions of this act, and to his satisfaction, then it shall be the duty of the Secretary of the Interior to issue patents to the said to issue. State of Michigan for the lands hereby granted.

SEC. 3. And be it further enacted, That if the said ship If canal is not canal shall not be completed within two years from and years, lands to after the passage of this act, the lands hereby granted revert. shall revert to the United States.

Approved, July 3, 1866.

Patents, when

July 3, 1866. Vol. 14, p. 81.

CHAP. 161.—An Act Granting lands to the State of Michigan to aid in the construction of a harbor and ship canal at Portage Lake. Keewenaw Point, Lake Superior, in said State.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Lands granted there be, and hereby is, granted to the State of Michigan, to Michigan for aid in the building of a harbor and ship canal at Portcanal at Portage age lake, Keewenaw Point, Lake Superior, in addition to Lake a former grant for that purpose, approved March the 1865. c. 102. third, eighteen hundred and sixty-five, two hundred thou-Amount

sand acres of land in the upper peninsula of the State of Michigan, and from land to which the right of homestead or pre-emption has not attached: Provided, That one hun-How to be se-dred and fifty thousand acres of said lands shall be selected

lected

from alternate odd-numbered sections, and fifty thousand acres from even-numbered sections of the lands of the United States. Said grant of lands shall inure to the use To whose use and benefit of the Portage Lake and Lake Superior Ship

to inure.

Canal Company, in accordance with an act of the legislature of the State of Michigan, conferring the land granted to the said State, by the act herein referred to, on said

Time for com- company: And provided further, That the time allowed pleting work ex- for the completion of said work and the right of reversion tended.

1865, c. 102, § 5; to the United States, under the said act of Congress, ap-1869, Res. No. 16; proved March the third, eighteen hundred and sixty-five, 1871, Res. No. 47; be extended three additional years: And provided further, Mineral lands That no lands designated by the United States as "mineral" not granted. hefore the passage of this act shall be stated as "mineral"

before the passage of this act shall be included within this

Approved, July 3, 1866.

July 3, 1866. [No. 62.] A Resolution For the construction of a railroad bridge across the Cuyahoga River, over and upon the Government piers at Vol. 14, p. 362. Cleveland, Ohio.

 $Resolved\ by\ the\ Senate\ and\ House\ of\ Representatives\ of\ the$ United States of America in Congress assembled, That the Swing bridge Secretary of War be, and he is hereby, authorized to perupon Govern mit the Cleveland and Toledo Railroad Company and the ment piers across Cleveland and Pittsburgh Railroad Company jointly, or at Cleveland, either of said companies for their joint use or separate use, to erect a swing bridge over and upon the government piers, for the passage of cars across the Cuyahoga river at the city of Cleveland in the State of Ohio, upon such plan as shall hereafter be approved by the city council of said city of Cleveland and by the board of trade of the same city, subject, however, to such conditions, restrictions, and limitations as said Secretary of War may see fit to impose at any period of time, whether prior or subsequent to the erection of said bridge: Provided, [That] this resolution and all acts done under it shall be subject to the future action of Congress.

Approved, July 3, 1866.

[No. 75.] Joint Resolution In reference to the Dismal Swamp Canal Company.

July 25, 1866. Vol. 14, p. 365,

Presmble.

WHEREAS the United States are interested in the Dismal. Swamp Canal, connecting the inland waters of the Chesapeake with the sounds of North Carolina, by holding eight hundred shares of the stock of the Dismal Swamp Canal Company: and whereas the canal should be kept open as a navigable highway without further outlay on the part of the United States: Therefore,

Beitresolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the States in Dismal Secretary of the Treasury be, and hereby is, authorized to Swamp Canal to sell said stock at auction, or otherwise, in such manner as besold, and how. will best protect the interests of the United States in said canal, and will insure that the same will be kept open as such navigable highway, without further expense to the government: Provided, That the instruments and papers Proviso. effecting such sale, in the manner aforesaid, shall be approved by the Attorney-General before the delivery thereof.

Approved, July 25, 1866.

CHAP. 296.—An Act Making appropriations for sundry civil expenses of the Government for the year ending June thirtieth, eighteen Vol. 14, p. 310. hundred and sixty-seven, and for other purposes.

July 28, 1866.

 $Beit\,enacted\,by\,the\,Senate\,and\,House\,of\,Representatives\,of$ the United States of America in Congress assembled. That the following sums be, and the same are hereby, appropriated, for the objects hereafter expressed, for the fiscal year ending the thirtieth June, eighteen hundred and sixty-seven, viz:

SEC. 19. And be it further enacted, That the sum of eight preservation of Provthousand dollars is hereby appropriated, out of any money incetown, Mass. in the treasury not otherwise appropriated for the preservation of the harbor of Provincetown, Massachusetts, the same to be expended under the supervision of a commission or board of officers to be appointed by the Secretary of War.

Approved, July 28, 1866.

[No. 8.] A Resolution To provide for the removal of the wreck of Jan. 29, 1867. Vol. 14, p. 564. the steamship Scotland.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That [Repealed, act the Secretary of War be, and he is hereby, authorized and Secretary of the Secretary of War be, and he is hereby, authorized and Secretary of directed to cause the removal of the wreck of the iron steam-tract with lowest ship Scotland, now on the bar outside of Sandy Hook, near bidder for rethe entrance to the harbor of New York, and the sum of of steamship one hundred thousand dollars, or so much thereof as may Scotland from the pages says to complete said removal is hereby approved the said removal is hereby approved. be necessary to complete said removal, is hereby appro-York Harbor. priated, to be paid out of any money in the treasury not

Appropriation otherwise appropriated. The Secretary of War shall. after notice given in one or more newspapers in the cities mont of Philadelphia, New York, and Boston, receive sealed proposals for the removal of said wreck, and make con-

Contract not to tract for the same with the lowest bidder therefor. exceed appropricontract will in no case exceed in amount the sum herein ution appropriated.

Approved, January 29, 1867.

Mar. 2, 1867. CHAP. 144.—An Act Making appropriations for the repair, pres-Vol. 14, p. 418. ervation, and completion of certain public works heretofore commenced under the authority of law, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Public works the following sums of money be, and the same are hereby, appropriation. appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War. for the repair, preservation, and completion of the following works heretofore commenced under the authority of law, and for the other purposes hereinafter named, that is to sav:-

Examinations For examination and survey of works of improvement and surveys. for which appropriations have been heretofore made, and concerning which no sufficient information is now in possession of the department, and for examination and survey at other points in the fourth and fifth sections of this act

specified, that is to say: Atlantic coast. On the Atlantic coast, thirty thousand dollars:

Pacific coast. On the Pacific coast, twenty-five thousand dollars: Northwestern

On the northwestern lakes, seventy-five thousand dollakes. lars:

Western, etc., On the western and northwestern rivers, one hundred and twenty-five thousand dollars.

Reexamina-And the Secretary of War, when the public interests retions, etc., to be made and plans quire it, shall cause examinations or re-examinations to be may be changed. made, with suitable surveys, of the works aforesaid and all other works provided for by this act, and shall make such changes or modifications of the plans heretofore adopted for their improvement as shall be necessary and proper.

Other harbors And he shall cause such needful examination of other harto be examined to determine im- bors and places in the fourth and fifth sections of this act provements required and cost, specified, upon the sea and lake coasts and on western rivers, to be made as will enable him to determine what improvements thereof are required to render them safe and convenient for the navigation of the naval and commercial vessels of the United States, and the costs of such improvements; and he shall make full report thereof, and first Monday of December next, for such action as may be

Report to Con- of the plans deemed advisable therefor, to Congress on the judged expedient and right. And if, upon such examina-

tion and survey of works first herein named, being works now existing or in process of completion, and concerning which no information is now in the possession of the department, there shall remain an unexpended balance of Balance of exappropriation, properly applicable thereto, from the sums tions may be applied too appropriated, which may, in the judgment of the etc., such works Secretary of War, be judiciously applied towards the when, etc. economical and needful continuation or completion of such works, the Secretary of War shall direct such balance to be applied and used accordingly; but no moneys shall be used for such purposes, excepting from the balances remaining from appropriations herein made for the specific ·examination and survey of such works.

Erie Harbor.

For extending the pier at Erie harbor, Pennsylvania, and dredging channel through to outer bar, twenty-five thousand dollars.

For improvement at mouth of Conneaut river, Ohio, ten Conneau t thousand dollars.

For improvement at Ashtabula harbor, Ohio, fifty-four Ashtabula.

thousand dollars.

For improvement of works at Grand River harbor, Ohio, Grand River Harsixty thousand dollars.

For improvement of Sandusky river, from Fremont to Sandusky

Lake Erie, in Ohio, twenty thousand dollars.

For improvement of Maumee bay, Ohio, twenty thousand Maumee Bay (Toledo Harbor). dollars.

For improvement of St. Clair flats, in Michigan, one St. Clair flats. hundred and fifty thousand dollars, to be expended in accordance with the plans and specifications of Colonel T. J. Cram, in his report of December tenth, eighteen hundred and sixty-six.

For improvement at mouth of Saginaw river, Michigan, Saginaw River.

twenty-eight thousand dollars.

For improvement of St. Mary's river, Michigan, fifty St. MarysRiver. thousand dollars.

For improving mouth of Au Sable river, Lake Huron, Au Sable River.

fifty thousand dollars.

For improving Marquette harbor, Lake Superior, eighty-Marquette five thousand dollars.

For improving Eagle harbor, Lake Superior, sixty-five Eagle Harbor.

thousand dollars...

For improving harbor at Superior City, Wisconsin, sixty- Superior Harthree thousand dollars.

For improving harbor of Aux Becs Scies, Michigan, ten Aux Becs Scies (Frankfort). thousand dollars.

For improvement of Grand River harbor, Michigan, Grand River Haven forty thousand dollars.

For improvement of Black Lake harbor, Michigan, Black Lake fifty-one thousand dollars.

For improving harbor of St. Joseph, Michigan, twenty- St. Joseph.

three thousand dollars.

For improving harbor at Racine, Wisconsin, forty-five Racine. thousand dollars.

Sheboygan. For improving harbor of Sheboygan, Wisconsin, eight thousand dollars.

Manitowoc. For improving harbor of Manitowoc, Wisconsin, forty-five thousand dollars.

Green Bay. For improving harbor of Green Bay, Wisconsin, forty-five thousand dollars.

Manistee. For improving harbor of Manistee, Michigan, sixty thousand dollars.

white River For improvement of White River harbor, Michigan, fiftyseven thousand dollars.

Muskegon. For improvement of Muskegon harbor, Lake Michigan, fifty-hine thousand dollars.

south Haven. For improving harbor of South Haven, Michigan, forty-three thousand dollars.

New Buffalo. For improving harbor of New Buffalo, Michigan, sixty thousand dollars.

Dunkirk. For improving harbor of Dunkirk, New York, one hundred thousand dollars.

Buffalo. For improving harbor of Buffalo, New York, one hundred thousand dollars.

Olcott. For improving harbor at Olcott, New York, at mouth of Eighteen-mile creek, sixty thousand dollars.

For improvement at harbor of Oak Orchard, New York, eighty-seven thousand dollars.

Great Sodus For improving harbor of Big Sodus bay, New York, eighty thousand dollars.

Little Sodus For improving harbor of Little Sodus bay New York

Little Sodus For improving harbor of Little Sodus bay, New York, fifty thousand dollars.

Oswego. For improving harbor at Oswego, New York, sixty thousand dollars.

Plattsburg. For improving harbor of Plattsburg, New York, twenty-six thousand dollars.

River. For completing the improvement of the navigation of the Kennebec river, Maine, between Shepard's Point and Augusta, thirty thousand dollars.

Ogdensburg. For improving harbor of Ogdensburg, New York, forty thousand dollars.

Burlington. For improving the harbor at Burlington, Vermont, eighty thousand dollars.

Thames River. For improvement of Thames river, Connecticut, thirty-six thousand dollars.

St. Croix River. For the purpose of improving the navigation of the St. Croix river, Maine, above the ledge, fifteen thousand dol-Province of lars: Provided, The province of New Brunswick shall con-

Province of lars: Provided, The province of New Brunswick shall conNew Brunswick tribute and pay to the proper disbursing officer a like sum
to pay like sum, tribute and pay to the proper disbursing officer a like sum
for said purpose, said payment being made on condition
that in no event shall the province of New Brunswick be
called upon for more than half the sum actually expended
for said purpose.

Hudson River. For improvement of Hudson river, New York, from
Troy to Baltimore, three hundred and five thousand one
hundred and eighty-eight dollars.

Marcushook. For improving harbor of Marcus Hook, Pennsylvania, ninety-four thousand dollars.

For improvement of Chester harbor, Pennsylvania, chester harbor, P eleven thousand dollars.

For improvement of Delaware breakwater, Delaware Delaware Breakwater. bay, one hundred and nine thousand four hundred and ninety-three dollars and seventy cents.

For improvement of Patapsco river, Maryland, seventy- Patapsco River

five thousand dollars.

For improvement of Mississippi river, two hunsissippi River.
Res. No. 21, Mar.
29, 1867.
For improvements of Ohio river, one hundred thousand dred thousand dollars.

For improvements of Ohio river, one hundred thousand

For improvement of Saco river, Maine, forty thousand Saco River.

For preservation and improvement of Boston Harbor, Massachusetts, three hundred and seventy-five thousand

dollars.

For improving navigation on the Mississippi river at Improving Des Moines or Lower rapids, according to such plan as the Mississippi River Secretary of War shall on the report of a board of engi-at Des Moines. neers approve, five hundred thousand dollars: Provided, however, That any canal that may be constructed around canal to said Des Moines or Lower rapids of the Mississippi river shall be and forever remain free to the navigation and commerce of said river; and no tolls shall ever be collected thereon.

For improving navigation of Mississippi river at Rock Replies. Island

Island rapids, two hundred thousand dollars.

For improving harbor of Ontonagon, Michigan, ninety-Ontonagon

seven thousand six hundred dollars.

For building and operating two dredges and snag-boats, and boats on to be used on the Mississippi river between Fort Snelling Mississippi and Rock Island rapids, ninety-six thousand dollars.

River. and Rock Island rapids, ninety-six thousand dollars.

For building and operating one dredge or snag-boat on Wisconsin

the Wisconsin river, forty thousand dollars.

For improving harbor of Pentwater, Lake Michigan, Harbor of Pentwater. fifty-five thousand dollars.

For improving harbor of Pere Marquette, Lake Michi- Pere Marquette (Ludington Har-

gan, fifty thousand dollars.

To improve the navigation of the Willamette river, Wil

Oregon, below the city of Portland, thirty thousand dol-

For removing snags and boulders throughout the Min-Snags, etc., in MinnesotaRiver. nesota river, thirty-seven thousand five hundred dollars.

For improvement of Providence river, Rhode Island, off Providence Pawtuxet bar, and at the Crook, twenty-five thousand dol-

For improvement of the Pawtucket river, Rhode Island, Pawtucket seventeen thousand dollars.

SEC. 2. And be it further enacted, That the appropriation Former approof seventy-five thousand dollars for constructing works, bor at Michigan and improving the entrance into the harbor of Michigan City, how to be City, Indiana, made in and by the act approved June 1866, c. 138. twenty-third, eighteen hundred and sixty-six, shall be

expended City Michigan

Harbor Co.

ject to toll.

by contract.

what.

Vols. 14, p. 73; 26, p. 766. Ante, p. post, p. 607. 155; what amount of commerce and navigation would be bene-

Continued That he shall continue to make such a report the first Mon-until works are day of December appually work!

cers, except, etc., to give bonds.

expended for the purposes aforesaid, upon the terms and in the manner hereinafter provided for other appropria-Double amount tions under this act: Provided, That it shall be first shown by to the satisfaction of the Secretary of War that the sum of one hundred thousand dollars has been expended by the Michigan City Harbor Company in the construction of a safe and convenient harbor at that place: And provided, Vessels not sub-That the passage of vessels to and from said harbor shall be free, and not subject to toll or charge, and the money Appropriations appropriated by this act shall be so applied as to complete

so applied as to appropriated by this act shall be so applied as to complete works, or make the nearest approximation to completing the work for which each specific appropriation is made; and it shall be the duty of the Secretary of War to apply the sums For other pur-poses than for examinaaminations, etc., tions and surveys by contract: Provided, however, That when, from the nature of the work to be done, the same How to be ex-pended when cannot, in the judgment of the Secretary, be made the work can not be subject of contract, the necessary expenditure may be subject of contract. That no contract shall be Contracts not made except after public advertisement for proposals, in such form and manner as to secure general notice thereof, and the same shall only be made with the lowest responsible bidder therefor, upon security deemed sufficient in the judgment of the Secretary. And it shall be the duty of the Secretary of said Secretary, at the earliest practicable time, to report results of surveys to Congress the result of any survey or resurvey, with the to Congress with plan adopted and the items of expenditure under said plan; and he shall make report of all action taken under the pro-Report to state visions of this act, and he shall accompany said report with a statement of the amount and date of all former appropriations for each work, and a full estimate for its entire and permanent completion, with the amount that can be profitably expended in the next fiscal year; and he shall also state in what collection district each work is located, and at or near what port of entry, lighthouse, or port, what amount of revenue was collected at the nearest port

vided for shall be completed. Separate proposals and contracts for each retary of War shall invite proposals for any works, or for work and each any material or labor for any works, there shall be separate contracts for each work, and also for each class of material or labor for each work, and he shall report to Congress, on the first Monday of December next, all the bids with the names of the bidders. All persons not Disbursing offi-holding commissions in the regular army of the United States, who shall be intrusted with the disbursement of the funds appropriated for the works named in this act, shall be required to give bond and ample security for the faith-

of entry for the last fiscal year, and, as far as practicable,

fited by the completion of each particular work: Provided, day of December, annually, until the works herein proful application of the same, and no such disbursing officer United States officers not to rein the army of the United States shall receive any commiscience commission or compensation for making such disbursements. And bursements. the moneys hereinbefore appropriated shall remain and be Appropriations to be at disposal at the disposal of the Secretary of War, and subject to his of Secretary of control for the purposes named in this act, until the several War. works and improvements herein provided for are completed,

Sec. 4. And be it further enacted, That the Secretary of Examinations War is hereby directed to cause examinations or surveys, both, to be made or both, as aforesaid, to be made at the following points, and purpose of namely:

namely:

At the harbor of San Francisco, California, with a view to the removal of "Blossom Rock," if the same should be found necessary and essential to commerce;

any law or regulation to the contrary notwithstanding.

At Crescent city harbor, California: At Duxbury beach, Massachusetts;

At mouth of Menomonee river, Green Bay;

At Saugatuck harbor, mouth of Kal[a]mazoo river, in Michigan:

At Port Clinton, in Ohio;

At Pultneyville, Lake Ontario, New York;

And of the Tennessee river, from Chattanooga to its mouth:

At Reedy Island and Liston (tree) Point, in the Delaware

river and bay:

At Richmond's Island, Cape Elizabeth, the Union river

and the Gut[a] opposite the city of Bath, Maine;

The Connecticut river, between Hartford and its mouth; At Block Island, in the State of Rhode Island, the reefs in Lake Michigan, near the harbor of Racine, in Wisconsin, with a view to a lighthouse and breakwater thereon;

And the Potomac river, in the District of Columbia.

SEC. 5. And be it further enacted, That the Secretary of Continued at certain other War is hereby directed to cause a continuance of examina-points. tions or surveys, or both, at the following points, namely:

Of the Mississippi river, above the falls of Saint Anthony and between the Falls of Saint Anthony and Rock Island

rapids:

Of the Wisconsin river,

And to continue the survey of the Illinois river, in accordance with the recommendation of General J. H. Wilson, in his report of January twelve, eighteen hundred and sixtyseven.

And he is also directed to cause plans and estimates to be made of the most practicable and effective mode of improving the harbor at Galveston, Texas, and of erecting suitable breakwater at that point.

Approved, March 2, 1867.

a The Gut is a part of the Sasanoa (or Back) River.

30. 1867.

Mar. 2, 1867.

CHAP. 168.—An Act Making appropriations and to supply deficien-Vol. 14, p. 468. cies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and sixty-seven. and for other purposes.

Re it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That Deficiency ap the following sums, or so much thereof as may be necessary, propriations for yearending June be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and sixty-seven, namely:

Westport Harbor.

Miscellaneous.—For deepening and improving Westport harbor, Connecticut, twenty-five hundred dollars.

Thames River.

For dredging and maintaining the channel of the river Thames near Norwich, in the State of Connecticut, to complete the work, thirty-six thousand dollars.

Approved, March 2, 1867.

Mar. 12, 1867. Vol. 15, p. 20,

[No. 2.] A Resolution Extending the time for the completion of the improvement of the Fox and Wisconsin rivers.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Time for completion of time provided for the completion of the improvement of the provement of Fox and Wisconsin rivers, and a canal connecting the same, fox and Wisconsin rivers ex. by section three of an act of Congress, approved August 1846, c. 170, § 3; eighth, eighteen hundred and forty-six, entitled, "An act v. 9, p. 83. to grant a certain quantity of large very six, entitled, the content of the conte tended. ment of the Fox and Wisconsin rivers, and to connect the same by a canal in the Territory of Wisconsin," be, and the same hereby is, extended for the term of five years from and after the approval of this resolution, with all the rights and privileges conferred by said act.

Approved, March 12, 1867.

Mar. 16, 1867. Vol. 15, p. 1.

CHAP. 3.—An Act To repeal a joint resolution entitled "A resolution to provide for the removal of the wreck of the steamship "Scotland," approved January twenty-ninth, eighteen hundred and sixty-seven.

Be it enacted by the Senate and House of Representatives  $\,$ Resolution for of the United States of America in Congress assembled, That removal of wreck of steamship the joint resolution entitled "A resolution to provide for the Scotland from entrance to New removal of the wreck of the steamship Scotland," approved York Harbor re- January twenty-ninth, eighteen hundred and sixty seven, 1867, Res. No. 8. be, and the same is hereby, repealed.

Res. No. 16,
Mar. 2, 1868.

Approved. March 16, 1867

[No. 9.] A Resolution Providing for the necessary surveys for a ship canal between Lake Erie and Lake Ontario, for military, naval, and commercial purposes.

Mar. 22, 1867. Vol. 15, p. 21,

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Surveys, plans, and estimates to Secretary of War be, and he is hereby, authorized and di-be made for ship rected to cause surveys, with plans and estimates of cost, canal to connect to be made by an officer of engineers for a ship canal to Ontario. connect lakes Erie and Ontario, or the navigable waters thereof, of suitable location and dimensions for military. naval, and commercial purposes, and that the expenses of the same be defraved from the sums appropriated in the acts of June twenty-three, eighteen hundred and sixty-six. and March two, eighteen hundred and sixty-seven, for examinations and surveys relating to the improvement of har-1867, c. 144. bors and rivers on the northwestern lakes.

Approved, March 22, 1867.

[No. 20.] Joint Resolution Providing for the necessary surveys for a Mar 29, 1867. ship canal around the Falls of the Ohio River, for military, naval, and Vol. 15, p. 25. commercial purposes.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Surveys, plans, the Secretary of War be, and he is hereby, authorized and to be made for directed to cause surveys, with plans and estimates of cost, ship c as nall to be made by an officer of engineers, for a ship canal around the Ohio River. the falls of the Ohio river on the Indiana side thereof, of suitable location and dimensions for military, naval, and Expense of completing Lou-commercial purposes; and also to cause said officer to esti-isvile and Portmate the expense of completing the Louisville and Port-estimated. land canal, on the Kentucky side of said falls, according to the plan on which the said canal company is now progressing with said work, and that the expenses of both be defrayed from the sums appropriated in the acts of June twenty-three, eighteen hundred and sixty-six, and March two, eighteen hundred and sixty-seven, for examination and surveys relating to the improvement of harbors and rivers on the northwestern lakes.

1866, c. 138; 1867, c. 144.

Approved, March 29, 1867.

[No. 21.] Joint Resolution To authorize the Secretary of War to Mar. 29, 1867. build dredge boats for use at the mouth of the Mississippi River.

Vol. 15, p. 25.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Warto build and the Secretary of War be, and is hereby, authorized, on the operate two recommendation of the engineer department, to build and keep open chanoperate two dredge boats for the purpose of deepening and nel of one or keeping open the channel of one or more of the passes at mouth of Missisthe mouth of the Mississippi, and to expend for that purities. 1867, c. 144. pose so much as may be necessary of the appropriation for

the improvement of the mouth of the Mississippi river, provided for in the "Act making appropriations for the repair, preservation, and completion of certain public works heretofore commenced under the authority of law, and for other purposes," approved March second, eighteen hundred and sixty-seven.

Approved, March 29, 1867.

Mar. 29, 1867. [No. 27.] A Resolution In relation to the execution of surveys of vol. 15, p. 28. rivers ordered by Congress.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Chief of Engineers may emchief of engineers may, with the approval of the Secretary ploy not exceeding 5 civil engineers to make number, for the purpose of executing the surveys and imsurveys, etc., of provements of western and northwestern rivers, ordered by northwestern Congress, as may be necessary to the proper and diligent prosecution of the same, and the persons so employed may be allowed a reasonable compensation for their services, not to exceed the sum of three thousand dollars per annum.

Approved, March 29, 1867.

Jan. 11, 1868. [No. 4.] Joint Resolution In relation to the sale of stocks in the Vol. 15, p. 246. Dismal Swamp Canal Company.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Sale of stock the Secretary of the Treasury be directed to adjourn the States in Dismal sale of eight hundred shares of the stock owned by the Swamp Canal Company from the second day of January, eighteen hundred and sixty-eight, (to which day said sale now stands adjourned,) until Saturday, the eighth day of February, eighteen hundred and sixty-eight, at eleven o'clock, A. M.

Approved, January 11, 1868.

Mar. 2, 1868. [No. 16.] A Resolution Authorizing the Lighthouse Board to place warnings over obstructions at the entrance of harbors, or in the fairway of bays and sounds, and for other purposes.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \* Commission to Sec. 2. And be it further resolved, That the Secretary of of steamship War is hereby directed to appoint a board of competent Scotland. engineers, to consist of not less than three persons, to

Scotland. 1867, c. 3. engineers, to consist of not less than three persons, to Act July 25, examine the condition of the wreck of the steamer Scotland, now in the waters of the harbor of the city of New York,

and ascertain whether the same is dangerous to navigation, and to report thereon at as early a day as practicable, with a particular estimate of the cost of the removal of said wreck.

Approved, March 2, 1868.

[No. 31.] Joint Resolution In relation to the breakwater at Portland. Maine.

June 5, 1868. Vol. 15, p. 252,

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation so much of the unexpended balance of the appropriation portland, Me., for the breakwater in Portland harbor, Maine, as the chief how expended. engineer shall deem proper, may be expended under his direction in excavating the "middle ground" near said breakwater, and in otherwise protecting the channel from injury by filling and improving the same.

Approved, June 5, 1868.

CHAP. 184.—An Act To aid the improvement of the Des Moines and Rock Island Rapids, in the Mississippi River.

July 20, 1868. Vol. 15, p. 124.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Right of way, whenever in the prosecution of the improvements of the making improvements in Mississippi River, at either the Des Moines or Rock Island making improvements at Des rapids therein, it becomes necessary or proper to take pos-Moines or Rock session of the right of way over any lands, or to use any earth, quarries, or other material lying adjacent or near to either of said works, and needful for its prosecution, the officer in charge of said work, or his assistant, may, in the name of the United States, take possession of and use the same, after having first paid, or secured to be paid, the value thereof, which may have been ascertained in the mode pro-paid or secured. vided by the laws of the State wherein such property or material lie[s], for adjudging the value of private property which may be needed for any public improvement: Provided, however, That when the owner of such property or material shall fix a price for the same, which, in the opinion of the said officer in charge, shall be reasonable, he may take the same at such price without further delay.

· Sec. 2. And be it further enacted, That a portion of the Part of approappropriations made or to be made for the prosecution of applied, etc. the improvements aforesaid, not exceeding fifty thousand dollars in amount, may be applied in payment of the prop-

erty or material taken and used as aforesaid.

Approved, July 20, 1868.

Proviso.

CHAP. 228.—An Act Making a grant of land to the State of July 23, 1868. Vol. 15, p. 169. Minnesota, to aid in the improvement of the navigation of the Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That Land grant to there be, and hereby is, granted to the State of Minnesota, Minnesota to build lock and for the purpose of aiding said State in constructing and combuild lock and for the purpose of aiding said State in constructing and comdam to aid navi- pleting a lock and dam at Meeker's Island, (so called,) in the Mississippi River, in said State, and thereby facilitating the navigation of the Mississippi River between the falls of St. sippi River.

1873. c. 233.

Anthony and the mouth of the Minnesota River, two hundred thousand acres of public lands, to be selected in alternate odd-numbered sections by an agent to be appointed by the governor of said State, subject to the approval of the Secretary of the Interior: Provided, That said lands shall Land, how to be selected from the public lands lying within the limits of

be selected.

the said State of Minnesota, and that not more than one section thereof shall be selected in any one township: Provided further, That said selections shall not be made from any lands containing mines of gold, silver, cinabar, or copper, nor from any lands to which rights of pre-emption or

Not to be from certain lands.

How to be disposed of.

Sec. 2. And be it further enacted, That said lands so granted shall be subject to the disposal of the legislature of said State for the purposes mentioned in the first sec-

to be public

Lock and dam tion of this act, and no other; and the said lock and dam shall be and remain forever a public highway, free from any toll or charge of any kind whatever; and the said legislature shall have power to pass all needful rules and regulations that may be necessary to fully carry out the purposes of this act.

Work, how to be performed.

Sec. 3. And be it further enacted, That the work shall be done under the direction of the engineer department of the United States, according to the plan and estimate submitted by Major-General Warren, and that if said lock

to United States if, etc.

Landstorevert and dam are not constructed within two years from and after the date of the acceptance and disposition of this grant by the legislature of the said State, the lands hereby

granted shall revert to the United States.

homestead have attached.

Lands, when to be open to actual what terms.

Sec. 4. And be it further enacted, That at any time settlers, and on after the selection of the said lands, and subsequent to the completion of said lock and dam, the lands hereby granted shall be open for settlement by actual settlers upon paying to the State of Minnesota a price not exceeding one dollar and twenty-five cents per acre for the same, which shall be paid by the State to the company who may construct said lock and dam.

If sufficient appropriation is prior to the completion of the said lock and dam the government of the United States shall make an appropriation in money sufficient to construct said lock and dam, then the grant of lands herein made shall revert to the United States: Provided. That this act shall have no effect on Proviso. lands already granted for railroad purposes.

Approved, July 23, 1868.

CHAP. 233.—An Act Making appropriations and to supply deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and sixtyeight, and for other purposes.

July 25, 1868. Vol. 15, p. 171.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums, or so much thereof as may be necessary, be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and sixty-eight, viz.-

War Department.

For the repair, preservation, extension, and completion Repair, etc., of public works on of certain public works on rivers and harbors, to be ex-rivers and harpended under the direction of the Secretary of War, one bors. million five hundred thousand dollars: Provided, That said Proviso. expenditures shall not be applied to any works not mentioned in the bill [a] "making appropriations for repairs, preservation, and completion of certain public works, and for other purposes," which passed the House of Representatives June thirtieth, eighteen hundred and sixty-eight.

One hundred thousand dollars, or so much thereof as may Removal of be necessary, to be expended under the direction of the Scotland, in New Secretary of War in the removal of the wreck of the iron York Harbor.

Res. No. 16, steamship "Scotland," now on the bar outside of Sandy Mar. 2, 1868. Hook, near the entrance to the harbor of New York: Provided, That the Secretary of War shall, after notice given in one or more newspapers in the cities of Philadelphia. New York, and Boston, receive sealed proposals for the Proposals there-removal of said wreck, and make contract for the same tised for. with the lowest bidder therefor. Said contract will in no case exceed in amount the sum herein appropriated.

For the removal of a sunken rock in the channel of the Removal of harbor at the port of New York, fifteen hundred and thirty channel of New York Harbor. dollars.

Approved, July 25, 1868.

a The bill is printed immediately following this act. For statement showing allotment of funds under the appropriation see page 175.

HOUSE BILL REFERRED TO IN THE FOREGOING ACT, APPROVED JULY 25, 1868.

40TH CONGRESS

H. R. 1046.

#### IN THE SENATE OF THE UNITED STATES.

JULY 1, 1868.

Read twice and referred to the Committee on Commerce.

# AN ACT

Making appropriations for the repair, preservation, and completion of certain public works, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, for the repair, preservation, and completion of the following works heretofore commenced under the authority of law, and for the other purposes hereinafter named—that is to say:

For improvement of Superior City harbor, in the State of Wiscon-

sin, thirty thousand dollars.

For improvement of Wisconsin river, forty thousand dollars.

For improvement of Ontonagon harbor, Lake Superior, twenty thousand dollars.

For improvement of Eagle harbor, Lake Superior, twenty thousand dollars.

For improvement of Marquette harbor, Lake Superior, twenty thousand dollars.

For improvement of Green Bay harbor, Wisconsin, thirty-five thousand dollars.

For improvement of Chippewa river, five thousand dollars.

For improvement of Monitowoc harbor, Wisconsin, thirty-five thousand dollars.

For improvement of Saint Croix river, five thousand dollars.

For improvement of Sheboygan harbor, Wisconsin, twenty thousand dollars.

For improvement of Milwaukee harbor, Wisconsin, twenty-five thousand dollars.

For improvement of Racine harbor, Wisconsin, twenty thousand dollars.

dollars.

For improvement of Kenosha harbor, Wisconsin, twenty thousand

dollars.

For improvement of harbor of Chicago, Illinois, forty-eight thousand dollars.

For improvement of Michigan City harbor, Indiana, thirty-five thousand dollars.

For improvement of harbor of Saint Joseph, Michigan, twenty thousand dollars.

For improvement of South Haven harbor, Michigan, twenty thousand dollars.

For improvement of Grand Haven harbor, Michigan, twenty thousand dollars.

For improvement of Muskegon harbor, Michigan, ten thousand

For improvement of White River harbor, Michigan, seventy-five thousand dollars.

For improvement of Pentwater harbor, Michigan, twenty-five thousand dollars.

For improvement of Pere Marquette harbor, Michigan, twenty thousand dollars.

For improvement of Manistee harbor, Michigan, twenty-five thousand dollars

For improvement of harbor at Aux Becs Scies, Michigan, ten thousand dollars.

For improvement of Saugatuck harbor, Michigan, thirty thousand dollars.

For improvement of the Saint Mary's river, Michigan, twenty thousand dollars.

For improvement of Au Sable river, Lake Huron, Michigan, twenty thousand dollars.

For improvement of Saint Clair Flats, Lake Saint Clair, two hundred thousand dollars.

For improvement of Sandusky river, Ohio, fifteen thousand dollars. For improvement of Harbor at Cleveland, Ohio, twenty thousand dollars.

For improvement of Conneaut harbor, Ohio, eleven thousand dollars.

For improvement of Erie harbor, Pennsylvania, fifty thousand dollars.

For improvement of harbor at Dunkirk, New York, twenty-five

thousand dollars.
For improvement of harbor at Buffalo, New York, fifty thousand

For improvement of Olcott harbor, New York, twenty thousand

For improvement of harbor at Charlotte, New York, ten thousand dollars.

For improvement of harbor at Little Sodus, New York, ten thousand dollars.

For improvement of Oswego harbor, New York, sixty thousand dollars.

For improvement of the harbor at Wilson, Niagara county, New York, ten thousand dollars.

For improvement of Plattsburg harbor, New York, ten thousand dollars.

For improvement of harbor at Whitehall, New York, ten thousand dollars.

To improve the Tennessee river from its mouth to Florence, Alabama, fifteen thousand dollars.

To improve the river from Chattanooga, Tennessee, to Decatur, Alabama, ninety thousand dollars.

For improvement of harbor at Burlington, Vermont, forty thousand dollars.

For improvement of the Upper Mississippi river, and removing snags and dredging, sixty thousand dollars.

For construction of dam and lock at Little Falls, Minnesota river, thirty thousand dollars.

For improvement of the Des Moines rapids, nine hundred thousand dollars.

For improvement of the Rock Island rapids, two hundred thousand dollars.

For improvement of the mouth of the Mississippi river, one hundred thousand dollars.

For improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred and eighty-five thousand dollars.

For improvement of the Upper Missouri river, sixty thousand dollars. For improvement of the Illinois river, from its mouth toward La Salle, one hundred thousand dollars.

For improvement of the Ohio river, two hundred and fifty thousand dollars, of which a sum not exceeding eighteen thousand dollars may be applied under the direction of the Secretary of War, in experimenting upon and testing the value of shifting sluices and their applicability to said improvement.

For improvement of the Patapsco river, below Fort McHenry, thirty thousand dollars.

For improvement of the Susquehanna river, ten thousand dollars. For improvement of the Hudson river, New York, one hundred thousand dollars.

For removing obstructions in East river, including Hell Gate, three hundred thousand dollars.

For improvement of Westport harbor, Connecticut, ten thousand

For improvement of Connecticut river, Connecticut, twenty thousand

For removal of Middle Rock, New Haven, Connecticut, fifteen thousand dollars.

For improvement of Pawtucket harbor, eight thousand dollars. For improvement of Plymouth harbor, Massachusetts, fifteen thousand dollars.

For construction and preservation of sea-walls at Great Brewster

island, ten thousand dollars.

For building walls and improvements at Deer and Lovell's islands. in Boston harbor, ten thousand dollars.

For preservation and improvement of Boston harbor, one hundred thousand dollars.

For improvement of Taunton river, Massachusetts, thirteen thousand dollars.

For completion of the breakwater connecting Richmond island and Cape Elizabeth, Maine, twenty thousand dollars.

For improvement of Saco river, Maine, twenty thousand dollars.

For improvement of Kennebec river, Maine, three thousand dollars. For improvement of Penobscot river, Maine, thirty thousand dollars. For improvement of navigation at the "Gut," opposite Bath, Maine, sixteen thousand five hundred dollars.

For improvement of Union river, Maine, twenty thousand dollars. For construction of breakwater at Block Island, Rhode Island, seventy-four thousand dollars.

For improvement of Willamette river, Oregon, twenty-five thousand dollars.

For removal of Blossom Rock, in the harbor of San Francisco, sixty thousand dollars.

For survey of Northwestern lakes, seventy-five thousand dollars. For examination and surveys on western and northwestern rivers, one hundred and twenty-five thousand dollars.

For examination and surveys on the Atlantic coast, thirty thousand dollars.

For examination and surveys on the Pacific coast, twenty-five thousand dollars.

For purchase and repair of instruments, five thousand dollars.

SEC. 3. And be it further enacted, That the sum of four hundred and fifty thousand dollars is hereby appropriated toward completing the Louisville and Portland canal, in accordance with the plans and estimates made in the report of General Godfrey Weitzel,

Passed the House of Representatives June 30, 1868. Attest:

> EDWARD McPherson, Clerk. By CLINTON LLOYD, Chief Clerk.

Statement showing the works of river and harbor improvement to which the appropriation of \$1,500,000 made by the foregoing act, approved July 25, 1868, was distributed, and the amount allotted to each work,

·	
Arkansas River	\$20,000
Baltimore Harbor (Patapsco River), Maryland	17,000
Blossom Rock, San Francisco Harbor, California	50,000
Boston Harbor, Massachusetts	43,000
Charlotte Harbor (Genesee River), New York	1, 100
Chicago Harbor, Illinois	35,000
Cleveland Harbor, Ohio	17,000
Des Moines Rapids, Mississippi River	300,000
East River, New York, removal of obstructions	85,000
Erie Harbor, Pennsylvania	40,000
Falls of the Ohio River	85,000
Frankfort (Aux Becs Scies) Harbor, Michigan	10,000
Green Bay Harbor (Fox River), Wisconsin	17, 500
Hudson River, New York	85,000
Hudson Řiver, New York Manitowoc Harbor, Wisconsin	17,500
Michigan City Harbor, Indiana	25,000
Mississippi River	40,000
Missouri River	25,000
Mouth of the Mississippi River	50,000
Ohio River	85,000
Oswego Harbor, New York	20,000
Rock Island Rapids, Mississippi River	156, 000
Saco River, Maine	20,000
Saginaw River, Michigan	9, 000
St. Clair Flats Canal, Michigan	86, 000
Saugatuck Harbor, Michigan	23, 900
Susquehanna River, below Havre de Grace, Md	5,000
Tennessee River from its mouth to Florence, and from	•
Chattanooga to Decatur, Alabama	85,000
Upper Mississippi River, snag boats and dredge boats	26,000
Willamette River below Portland, Oreg	21,000
Total	1,500,000

[No. 76.] Joint Resolution In relation to surveys and examinations of rivers and harbors.

July 27, 1868. Vol. 15, p. 262,

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Secretary of the Secretary of War shall cause to be prepared and sub-Congress certain mitted to Congress, in connection with the reports of ex-facts, with reaminations and surveys of rivers and harbors hereafter tions, etc., of rivers and the rivers and harbors hereafter the rivers made by order of Congress, full statements of all existing ers, etc. facts tending to show to what extent the general commerce of the country will be promoted by the several works of improvements contemplated by such examinations and surveys, to the end that public moneys shall not be applied excepting where such improvements shall tend to subserve the general commercial and navigation interests of the United States.

Approved, July 27, 1868.

July 27, 1868. Vol. 15, p. 263.

[No. 80.] Joint Resolution Giving the assent of the United States to the construction of certain wharves in the harbor of Oswego. New York.

Proemble

WHEREAS the common council of the city of Oswego, in the State of New York, by resolutions unanimously adopted April seventh, eighteen hundred and sixty-eight, and May twelfth, eighteen hundred and sixty-eight, in pursuance of the authority granted them by the legislature of New York in the charter of said city, have given permission to the owners of lots eleven and twelve, also of lots thirteen, fourteen, eighty-one, and eighty-two, and of lots fifteen, sixteen. seventeen, and eighteen, in fortification block number two. in the first ward of said city, to construct wharves in front of said lots, seventy feet in width, and extending northerly so that the north end of said wharves may be on a line with the north line of the Ontario elevator pier, but not less than two hundred and fifty feet distant from the nearest point of the United States pier, which wharves will extend into the navigable waters of said harbor: Therefore.

N. Y., to con-struct wharves.

Be it resolved by the Senate and House of Representatives Assent by Con- of the United States of America in Congress assembled, That of lots in Oswego, the assent of the United States be, and the same is hereby, given, so far as Congress has power to give the same, to the owners of the lots above mentioned, to construct said wharves in accordance with the terms of said resolutions. subject, however, to the approval of the engineer department of the army.

Approved, July 27, 1868.

Apr. 10, 1869. Vol. 16, p. 44.

CHAP. 19.—An Act Making an appropriation for the improvement of rivers and harbors for the fiscal year ending June thirtieth, eighteen hundred and sixty-nine, and the year ending June thirtieth, eighteen hundred and seventy.

and harbors.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the sum of two million dollars [a] is hereby appropriated for for repair, presert the sum of two mittion donars [5] is hereby appropriated for vation, etc., of the fiscal year ending June thirty, eighteen hundred and works for rivers sixty pine, and the year ending June thirty, eighteen hundred. sixty-nine, and the year ending June thirty, eighteen hundred and seventy, to be expended for the repair, extension, preservation, and completion of works for the improvement of rivers and harbors under the direction of the Secretary How to be ex- of War: Provided, That the Secretary of War is hereby authorized to cause such expenditures to be made so as best Report to Con- to subserve the interests of commerce; and he is required to report to Congress, at the opening of its December session, all expenditures made under the provisions of this act up to that time in detail.

pended.

ress at December session.

Approved, April 10, 1869.

a For statement showing allotment of funds under this appropriation see page 177.

Statement showing the works of river and harbor improvement to which the appropriation of \$2,000,000 made by the foregoing act, approved April 10, 1869, was distributed, and the amount allotted to each work.

20, 2000, was also to died, and the amount another to each	work.
An Sable Harban Michigan	<b>ቀ</b> ብ በሚሲ ሰብ
Au Sable Harbor, Michigan Baltimore Harbor (Patapsco River), Maryland	\$2,970.00
Place Target Car Transition Herbar California	26, 730. 00
Blossom rock, San Francisco Harbor, California	29, 927. 27
Boston Harbor, Massachusetts.	82, 170. 00
Buffalo Harbor, New York Charlotte Harbor (Genesee River), New York	89, 100. 00
Charlotte Harbor (Genesee River), New York	1,000.00
Chicago Harbor, Illinois	29, 700. 00
Cleveland Harbor, Ohio.	13, 380. 00
Conneaut Harbor, Ohio	8, 910. 00
Des Moines Rapids, Mississippi River	178, 200. 00
Dunkirk Harbor, New York	2,000.00
East River, New York Erie Harbor, Pennsylvania	178, 200. 00
Erie Harbor, Pennsylvania	22, 275.00
Falls of the Ohio River	178, 200. 00
Frankfort (Aux Becs Scies) Harbor, Michigan	29, 318. 85
Grand Haven Harbor, Michigan	1, 866. 15
Grand Haven Harbor, Michigan	24, 750.00
Green Bay Harbor, Wisconsin	44, 550.00
Hudson River, New York.	89, 100.00
Illinois River, Illinois	84, 150.00
Kennebec River, Maine	14, 850.00
Kenosha Harbor, Wisconsin	5, 346. 00
Little Sodus Bay, New York	1, 500. 00
Manitowoc Harbor, Wisconsin	17, 820. 00
Marhuetta Harbor Michigan	26, 730. 00
Marquette Harbor, Michigan Maumee Bay (Toledo Harbor), Ohio	29, 700. 00
Michigan City Harbor, Indiana	31, 185. 00
Milwaukee Harbor, Wisconsin	35, 640. 00
Mouth of the Mississippi River	85, 181. 00
Oswego Harbor, New York	22, 275. 00
Dentweten Herben Michigan	17, 820. 00
Pentwater Harbor, MichiganPere Marquette (Ludington) Harbor, Michigan	31, 185. 00
Description of the Harbor Massachusetts	
Provincetown Harbor, Massachusetts	8, 910. 00
Racine Harbor, Wisconsin.	22, 275. 00
Rock Island Rapids, Mississippi River	133, 650. 00
Saco River, Maine St. Clair Flats Canal, Michigan	22, 275. 00
St. Clair Flats Canal, Michigan	142, 560. 00
St. Marys River, Michigan	10, 692. 00
Saugatuck Harbor, Michigan	6, 039. 00
Sheboygan Harbor, Wisconsin	14, 850. 00
Superior Harbor, Wisconsin	44, 550.00
Susquehanna River below Havre de Grace, Maryland	990.00
Tennessee River above Chattanooga, Tennessee	35, 000. 00
Tennessee River below Chattanooga, Tennessee	5, 095. 00
Upper Mississippi River, snag boats and dredge boats	35, 640. 00
White Lake Harbor, Michigan	44, 550.00
Willamette River below Portland, Oregon	13, 365. 00
Balance	[a] 23, 829. 73
•	
m . 1	0 000 000 00

 $<sup>^{\</sup>alpha}$  It is not known to what works the expenditure of this balance was applied.

H. Doc. 425, 58-3--12

Apr. 10, 1869. Vol. 16, p. 55.

[No. 16.] A Resolution Extending the time for the completion of the Portage Lake and Lake Superior Ship Canal.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled. That the Time for completion of the Portage Lake and Lake Supleting Portage Portage Lake and Lake Sulake and Lake perior ship canal be, and the same is hereby, extended to Superior Ship Canal extended the third day of March, eighteen hundred and seventy-one.

1865, c. 102; 1866, c. 161; 1871, Res. No. 47; 1872, c. 66; 1873, c. 323.

Approved, April 10, 1869.

CHAP. 5.—An Act Making a temporary appropriation for the pros-Dec. 23, 1869. Vol. 16, p. 61, ecution of the work upon the improvement of the Des Moines Rapids in the Mississippi River.

Be it enacted by the Senute and House of Representatives of the United States of America in Congress assembled, That Appropriation there be, and is hereby, appropriated, to be paid out of for improvement of Des Moines any money in the treasury not otherwise appropriated, to Rapids. be expended under the direction and superintendence of the Secretary of War, for the purpose of continuing the prosecution of the work upon the improvement of the Des Moines rapids in the Mississippi River, the sum of two hundred thousand dollars.

Approved, December 23, 1869.

Jan. 20, 1870. Vol. 16, p. 61. CHAP. 7.—An Act Repealing so much of the Act of August eighth, one thousand eight hundred and forty six, as declared the Des Moines River, in the then Territory of Iowa, a public highway.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Repeal of act so much of the Act of August eighth, one thousand eight making Des hundred and forty-six, entitled "An act granting certain public highway lands to the Territory of Iowa to aid in the improvement 1846, c. 103. of the navigation of the Des Moines river, in said Territory," as makes said river a public highway be, and the same is hereby, repealed.

Approved, January 20, 1870.

Apr. 13, 1870. Vol. 16, p. 83.

CHAP. 54.—An Act Declaring the consent of Congress to the erection of a crib in Lake Erie by the city of Cleveland, Ohio, for the protection of an inlet for a water-works tunnel about to be constructed by said city.

Be it enacted by the Senate and House of Representatives  $\,$ of the United States of America in Congress assembled, That Consent of Congress is hereby given to the City of gress given to Cleveland, in the county of Cuyahoga and State of Ohio, erecteribin Lake to erect and maintain in Lake Erie, at such distance from Erie, to protect, the shore thereof as may be necessary, a crib for the protection of an inlet shaft for an underlake water-works tunnel about to be constructed for the purpose of supplying said city with pure water: *Provided*, That said crib shall on crib. be furnished with a beacon-light, which beacon-light shall be kept lighted at all such seasons and hours as the light on the pier at the entrance of Cuyahoga river.

light

Approved, April 13, 1870.

CHAP, 57.—An Act To authorize the city of Buffalo, New York, to construct a tunnel under Niagara River, and to erect and maintain an inlet pier therefrom.

Apr. 20, 1870. Vol. 16, p. 90.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That construct, etc., it shall and may be lawful for the city of Buffalo, in the State tunnel under of New York, to construct and maintain a tunnel under bor and Niagara Black Rock harbor and Niagara river, extending not more River, etc. 1872, c. 186, than four hundred feet outside of Bird Island pier, and to erect and maintain an inlet pier therefrom, said inlet pier to be located not more than four hundred feet outside of said Bird Island pier.

Approved, April 20, 1870.

[No. 48.] A Resolution To provide for survey and estimates of cost of removing obstructions from the Bayon Teche, in the State of Lou-Vol. 16, p. 375.

May 5, 1870.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Survey and esthe Secretary of War be, and he is hereby, instructed to made for removing obstructions cause a survey and estimates of cost of removing obstruc-from tions from and improving the navigation of the Bayou Teche. Teche, in the State of Louisiana: Provided, That the expense of said survey and estimate shall not exceed the sum of five hundred dollars. And the same is hereby appropriated out of any money in the treasury not otherwise appropriated.

Appropriation

Approved, May 5, 1870.

CHAP. 92.—An Act In relation to the Iowa River in the State of May 6, 1870. Iowa. Vol. 16, p. 121.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives\ of$ the United States of America in Congress assembled, That River in Iowa deso much of the lowa river, in the State of Iowa, as lies north clared not naviof the town of Wapello, be, and the same is hereby, declared gable. not a navigable river or public highway.

Approved, May 6, 1870.

July 7, 1870. Vol. 16, p. 189.

CHAP. 210.—An Act For the improvement of water communication between the Mississippi River and Lake Michigan, by the Wisconsin and Fox rivers.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Secretary of the Secretary of War is hereby authorized to adopt for the planfor improve improvement of the navigation of the Wisconsin river such ment of naviga-tion of Wiscon-plan as may be recommended by the chief of the Bureau sin River. of Engineers.

1872, c. 416.

To ascertain Sec. 2. And be it further enacted, That the Secretary within, etc., amount which aforesaid is hereby authorized to ascertain at any time he should equitably shall deem proper within three years from the passage of Bay and Missis this act, the sum which ought in justice to be paid to the sippi Canal Co. Green Bay and Mississippi Canal Company, a corporation property.

1872, c. 416. existing under the laws of Wisconsin, as an equivalent for the transfer of all and singular its property and rights of property in and to the line of water communication between the Wisconsin river aforesaid and the mouth of the Fox river, including its locks, dams, canals, and franchises, or so much of the same as shall, in the judgment of said Secretary, be needed; and to that end is authorized to join with said company in appointing a board of disinterested and impartial arbitrators, one of whom shall be selected by the Secretary aforesaid, another by said company, and the third by the two arbitrators so selected. The Secretary afore-Attorney for said is authorized to employ a competent agent or attorney

Arbitrators.

United State.

Provisa

to represent the interest of the United States upon the hearing before such board: Provided, That in making their award the said arbitrators shall take into consideration the amount of money realized from the sale of lands heretofore granted by Congress to the State of Wisconsin to aid in the Amount de-construction of said water communication, which amount

shall be deducted from the actual value thereof as found

ducted from award.

by said arbitrators.

No expenditure SEC. 3. And be it further enacted, That no money shall to be made for simprovement of the Fox or Wisconsin improvement of be expended on the improvement of the Fox or Wisconsin Fox and Wisconsin rivers until the Green Bay and Mississippi Canal Company shall make and file with the Secretary of War an agreement in writing, whereby it shall agree to grant and convey to the United States the property and franchises mentioned in the foregoing section, upon the terms awarded by the

tratorssubmitted to Congress.

Proviso.

Report of arbi-arbitrators. It is hereby made the duty of the Secretary of War to transmit to Congress a copy of the report of the arbitrators, upon which Congress may, at its then present session, elect to take such property upon making an appropriation to pay the amount awarded: Provided, That if the Secretary of War shall not transmit to Congress a copy of the report of the arbitrators at least sixty days before the close of its session, Congress may at its next session make such election and appropriation.

Tolls and revenues paid into SEC. 4. And be it further enacted, That all tolls and revenues batter enues derived from the improvements made or acquired Treasury. under the provisions of this act, after providing for the

current expenses of operating and keeping the same in repair, shall be paid into the treasury of the United States. and whenever the United States shall be reimbursed for all sums advanced for the same, with interest thereon, then the tolls aforesaid shall be reduced to the least sum which, Reduced when, together with other revenues properly applicable thereto, if any, shall be sufficient to operate and keep the improve-

ments in repair.

SEC. 5. And be it further enacted, That the Secretary of War to report to War shall annually report to Congress the progress made Congress annuin the completion of said improvements, the amount ex-improvements, pended thereon, the amount, if any, required for the suc-etc. ceeding fiscal year, and the amount of revenue derived therefrom

Approved, July 7, 1870.

CHAP. 240.—An Act Making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes, for the fiscal year ending June thirtieth, eighteen hundred and seventy-one.

July 11, 1870.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums of money be, and are hereby, appro- on rivers and priated, to be paid out of any money in the treasury not harbors.

1871, c. 118, § 4. otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, according to such plans as shall be by him first selected and approved, for the repair, preservation, and completion of the following public works heretofore commenced under the authority of law, and for other purposes hereinafter named, that is to say:-

For improvement of Superior City harbor, Wisconsin,

forty thousand dollars.

For improvement of Ontonagon harbor, Lake Superior, Michigan, ten thousand dollars.

For improvement of Marquette harbor, Lake Superior. Michigan, twenty-five thousand dollars.

For improvement of Green Bay harbor, Wisconsin, seventeen thousand five hundred dollars.

For improvement of Manitowoc harbor, Wisconsin,

twenty thousand dollars. For improvement of Sheboygan harbor, Wisconsin, fif-

teen thousand dollars. For improvement of Milwaukee harbor, Wisconsin, forty

thousand dollars. For improvement of Racine harbor, Wisconsin, ten thou-Racine. sand dollars.

For improvement of Kenosha harbor, Wisconsin, ten thousand dollars.

For improvement of Michigan City harbor, Indiana, Michigan City. twenty-five thousand dollars.

Superior.

Ontonagon.

Marquette.

Green Bay.

Manitowoc.

Sheboygan.

Milwaukee.

Kenosha.

New Buffalo. For improvement of New Buffalo harbor, Michigan, five thousand dollars.

Port Washing- For improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Aux Becs Scies For improvement of Aux Becs Scies harbor, Michigan, ten thousand dollars.

Manistee. For improvement of Manistee harbor, Michigan, twenty thousand dollars.

Pere Marquette For improvement of Pere Marquette harbor, Michigan, ten thousand dollars.

Pentwater. For improvement of Pentwater harbor, Michigan, ten thousand dollars.

White River For improvement of White River harbor, Michigan, twenty thousand dollars.

Muskegon. For improvement of Muskegan harbor, Michigan, ten thousand dollars.

Grand Haven. For improvement of Grand Haven harbor, Michigan, ten thousand dollars.

Black Lake harbor, Michigan, ten thousand dollars.

Saugatuck. For improvement of Saugatuck harbor, Michigan, ten thousand dollars.

South Haven. For improvement of South Haven harbor, Michigan, ten thousand dollars.

St. Joseph. For improvement of Saint Joseph harbor, Michigan, fifteen thousand dollars.

St. Marys. For improvement of Saint Mary's Falls Canal and Saint Mary's river, Michigan, one hundred and fifty thousand dollars.

Au Sable River. For improvement of Au Sable river, Michigan, fifteen thousand dollars.

Saginaw. For improvement of Saginaw river, Michigan, one thousand five hundred dollars.

St. Clair flats. For improvement of Saint Clair flats. Michigan sixteen

St. Clair flats. For improvement of Saint Clair flats, Michigan, sixteen thousand five hundred dollars.

Clinton River. For improvement of Clinton river. Michigan five thousand

Clinton River. For improvement of Clinton river, Michigan, five thousand dollars.

Toledo. For improvement of Toledo harbor, Maumee hay, Ohio.

For improvement of Toledo harbor, Maumee bay, Ohio, fifty thousand dollars.

Sandusky. For improvement of Sandusky City harbor, Ohio, ten thousand dollars.

Cleveland. For improvement of Cleveland harbor, Ohio, twenty thousand dollars.

Conneaut. For improvement of Conneaut harbor, Ohio, six thousand dollars.

For improvement of Erie harbor, Pennsylvania, twenty thousand dollars.

Schuylkill For clearing and buoying the channel of the Schuylkill river at its mouth, at Gibson's point, and above to the Chestnut Street bridge, Philadelphia, Pennsylvania, fifteen thousand dollars.

Dunkirk. For improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

Town Creek. 1872, c. 416.

Falls of Ohio,

Buffalo. For improvement of Buffalo harbor, New York, eighty thousand dollars.

For improvement of Olcott harbor, New York, ten Olcott. thousand dollars.

For improvement of Charlotte harbor, New York, twelve

Charlotte. thousand dollars.

Oak Orchard For improvement of Oak Orchard harbor, New York. eight thousand dollars.

Great Sodus. For improvement of Big Sodus harbor, New York, five thousand dollars.

For improvement of Little Sodus harbor, New York, Little Sodus. five thousand dollars.

For improvement of Pultnevville harbor, New York, Pultneyville. five thousand dollars.

For enlargement, according to the plan of the engineer Oswego. department, of harbor facilities at Oswego, New York, fifty thousand dollars.

Ogdensburg. For improvement of Ogdensburg harbor, New York, fifteen thousand dollars.

For improvement of Plattsburg harbor, New York, ten Plattsburg. thousand dollars.

For improvement of Burlington harbor, Vermont, twenty-Burlington. five thousand dollars.

For improvement of the Upper Mississippi river, and Upper Missis-

removing snags and dredging, thirty-six thousand dollars. supply For improvement of the Wisconsin river, one hundred Wisconsin. thousand dollars.

For improvement of the Minnesota river, ten thousand Minnesota. dollars.

For the preservation of the Falls of Saint Anthony and Falls of St. Anthony etc. the navigation of the Mississippi river above the same, fifty thousand dollars.

For improvement of the Des Moines rapids, four hundred Des Moines thousand dollars.

For improvement of the Rock Island rapids, one hundred Rock Island and fifty thousand dollars.

For improvement of the Illinois river, one hundred thou- Illinois River. sand dollars.

For improvement of the mouth of the Mississippi river, Mouth of Mississippi. three hundred thousand dollars.

For improvement of the mouth of the Saint John's river, St. Johns. Florida, fifteen thousand dollars.

For removing obstructions in Town creek, near Charleston, South Carolina, seven thousand five hundred dollars.

For improvement of the Falls of the Ohio river and Louis-etc.

ville canal, two hundred and fifty thousand dollars. Mississippi, For improvement of the Mississippi, Missouri, and Arkanetc., rivers.

sas rivers, one hundred and fifty thousand dollars. Ohio River. For improvement of the Ohio river, fifty thousand dollars. For improvement of the Hudson river, New York, forty Hudson River. thousand dollars.

For removing obstructions in East river, New York, in-East River. cluding Hell Gate, two hundred and fifty thousand dollars.

Chicago.

New Haven. For improvement of New Haven harbor, Connecticut, fifteen thousand dollars.

Connecticut For improvement of Connecticut river, forty thousand

Providence For improvement of Providence river, Rhode Island, five thousand dollars.

Pawtucket river, Rhode Island, eight thousand dollars.

Block Island. For construction of breakwater at Block Island, Rhode Island, thirty thousand dollars.

For preservation and improvement of Boston harbor, Massachusetts, one hundred thousand dollars.

Hyannis harbor, Massachusetts, twelve thousand dollars.

Plymouth. For improvement of Plymouth harbor, Massachusetts, ten thousand dollars.

Taunton River. For improvement of Taunton river, Massachusetts, ten thousand dollars.

Merrimac For improvement of Merrimac river, Massachusetts, twenty-five thousand dollars.

Kennebunk For improvement of Kennebunk river, Maine, five thousand dollars.

Saco River. For improvement of Saco river, Maine, ten thousand dollars.

For improvement of Portland harbor Maine, ten thousand dollars.

Kennebecriver, Maine, fifteen thousand dollars.

Gut, opposite For improvement of navigation at the "Gut" [a], opposite Bath, Maine, ten thousand dollars.

Union River. For improvement of Union river, Maine, fifteen thousand dollars.

Penobscot River. For improvement of the Penobscot river, at Bangor and below, Maine, fifteen thousand dollars.

Willamette For improvement of the Willamette river at Portland and to mouth of river, Oregon, thirty-one thousand dollars.

Tennessee River. For improvement of the Tennessee river, eighty thousand dollars, to be expended below Chattanooga.

Wilmington. For improvement of Wilmington harbor, Delaware, fifteen thousand dollars.

Westport. For improvement of Westport harbor, Connecticut, two thousand five hundred dollars.

Cape Fear River. For improvement of the channel of the mouth of the Cape Fear river, in North Carolina, one hundred thousand dollars.

Galveston For improvement of Galveston harbor, Texas, twenty-five thousand dollars.

For enlargement of harbor facilities at Chicago, Illinois, according to the plans of the engineer department, one hundred thousand dollars, and for a harbor of refuge, fifty thousand dollars.

a The Gut is a part of the Sasanoa (or Back) River.

For improvement of harbor and bay of Mobile, Alabama, Mobile.

fifty thousand dollars.

For the improvement of the Potomac river between the Potomac Riv-Long bridge, in Washington, and the city of Georgetown.

in the District of Columbia, fifty thousand dollars.

For the improvement of James river, in Virginia, and the removal of bars and obstructions from Richmond to and including Harrison's bar, below the junction of the James and Appomattox rivers, fifty thousand dollars.

For improvement of Bayou Teche, Louisiana, seventeen Bayou Teche.

thousand five hundred dollars.

For examination and surveys for improvements on the Examination north and northwestern lakes and rivers, and the Atlantic improvements. and Pacific coasts, and for contingencies of rivers and harbors not provided for in this act, one hundred and fifty thousand dollars.

SEC. 2. And be it further enacted, That the Secretary of Examinations War is hereby directed to cause examinations or surveys, made at various or both, to be made at the following points, namely:

At Charleston. South Carolina:

At Cyprus bayou, Texas;

At the Housatonic river, below Derby, Connecticut;

At Bridgeport harbor, Connecticut; At Southport harbor, Connecticut:

At Fifteen-Mile falls [Connecticut River], New Hampshire:

At Pawcatuck river, Rhode Island and Connecticut;

At Narragansett pier, Rhode Island;

Cocheco river, at Dover, New Hampshire;

At Royals river, Maine;

At Narragangus [Narraguagus] river, Maine;

Sullivan river, Maine;

At Sullivan's falls, between the towns of Hancock and Sullivan;

At South river, New Jersey;

At mouth of Salem river, New Jersey:

At James river, Virginia, between Richmond and City point, including Harrison's bar below the point;

Appomattox river, Virginia, from Petersburg to its

mouth.

James river and Kanawha canal, Virginia;

At Rappahannock river, below Fredericksburg, Virginia;

At Roanoke river, North Carolina;

At Coosa river, Alabama;

At Mobile harbor, Alabama;

At Cumberland river, from its mouth to the head of navigation:

At Tombigbee river, in Alabama and Mississippi from

its mouth to the head of navigation;

At Saint Louis and Alton harbors, Mississippi river, between Alton and mouth of Merrimac [Maramec] river;

At Osage, river, Missouri;

At Ouachita, Little Missouri, and Petit Jane rivers, Arkansas;

At Bayou Saint John, from the mouth of Bayou Saint John, Louisiana, through Lake Ponchartrain and the Rigolet to Ship Island:

At Indianola harbor, Texas: At Corpus Christi, Texas;

At Buffalo bayou, for a channel of navigation through Buffalo bayou and Galveston bay, to Bolivar channel, near the outer bar in the Gulf of Mexico;

At Shebovgan river, Michigan;

At Harbor of Refuge, on Lake Huron, between Saint Clair river and Point au Barques [a], Michigan:

At Port Clinton, Ohio;

For survey or examination of the bars and other obstructions to navigation of the Cache, St. Francis Little Red, White, and Black rivers, Arkansas;

For survey or examination of the bar of the Sacramento river, California, known as the Hog's Back, for the pur-

pose of removing the same:

At the mouth of Oconto river, Wisconsin;

At the mouth of the Ahuepee [Ahnapee] river, Wisconsin:

At Chester harbor, on the Delaware river, Pennsylvania;

At Alpeena harbor, Michigan;

At the mouth of the Cape Fear river, North Carolina;

For ship-canal route from Hennepin, on the Illinois river, to Rock Island, on the Mississippi river, via Geneseo, by the most direct and feasible route [b];

At Peconic river below Riverhead, New York;

At the entrance to Port Jefferson harbor, on the south side of Long Island sound;

At Rocky river, Ohio;

At Salmon river [<sup>a</sup>], Lake Ontario, New York; At the mouth of Two rivers [<sup>a</sup>], Wisconsin; At the mouth of Trinity river, Texas;

At Delaware river, between the city of Trenton and Bordentown;

At Shrewsbury river, New Jersey;

At the mouth of Sabine river, Texas;

At French Broad river, Tennessee;

At Pine river, Saginaw bay, Michigan;

At Brazos, San Jago [Santiago], Texas;

At the mouth of Muskingum river, Ohio;

At Gloucester harbor, Massachusetts;

b This item has reference to what is now known as the Illinois and Mississippi Canal.

<sup>c</sup>Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth. dThis locality, situated at mouth of Twin Rivers, is known as Two

Rivers Harbor.

a Reports respecting this item discussed the relative advantages of various sites, among which were Port Hope, Blue Ledge, and Sandbeach (Harbor Beach).

At the harbor of Cambridge and harbor of Queenstown. Maryland.

At the mouth of the Apalachicola river, Florida;

At Nag's head, in North Carolina, with a view of reopening the old inlet near that place:

Survey of the Wabash river, from its mouth to the town

of Wabash, Indiana;

For the survey of the Willamette river, above Oregon City, Oregon:

For the survey of the Umpqua river, Oregon:

SEC. 3. And be it further enacted, That the sum of forty-Ship canal in two thousand [and] nine hundred dollars be paid out of any and Chesapeake money in the treasury not otherwise appropriated, to be Bay. expended under the direction of the Secretary of War, to the widening and deepening the ship canal in the Patapsco river and Chesapeake bay, leading toward the harbor of Baltimore.

Sec. 4. And be it further enacted, That the sum of twelve Mouth of Susthousand dollars, of any unappropriated money in the treasury, be paid and applied, under the direction of the Secretary of War, to deepen the harbor or waters at the mouth of the Susquehanna river.

Sec. 5. And be it further enacted, That the Secretary of Engineerstoex-amineall bridges War is hereby authorized and required to detail three en across Onio Rivergineers, whose duty it shall be to examine all bridges now er, and report if erected, or in process of erection, across the Ohio river, and structed thereby, to report whether, in their opinion, such bridges, or any of them, as now constructed, or proposed to be constructed, do or will interfere with the free and safe navigation of said river; and if they do or will so interfere, to report also what extent of span and elevation above water will be required to prevent obstruction to navigation, and their estimate of the cost required to change such bridges now built, or being built, to such width of span and elevation above the water as will prevent obstruction to navigation, such report to be made and communicated to the next session of Congress.

Approved, July 11, 1870.

CHAP. 292.—An Act Making appropriations for sundry civil expenses of the Government for the year ending June thirty, eighteen hundred and seventy-one, and for other purposes.

July 15, 1870. Vol. 16, p. 291.

Be it enacted by the Senate and House of Representatives  $\,$ of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth June, eighteen hundred and seventy-one, viz.:-

For repairing the stone piers belonging to the United States in the harbor of New Castle, Delaware, two thousand five hundred dollars.

Newcastle, Del.

Bulkhead rock in Providence river, Rhode Island, two thousand five hundred dollars.

Western, etc., For examinations and surveys on western and northwestern rivers. fifty thousand dollars.

Appropriation for stone, etc., and be it further enacted, That two hundred and pier in Delaware twenty-five thousand dollars, or so much thereof as may be Bay 1871, c. 21, § 10; necessary, be, and the same is hereby, appropriated to construct a good and substantial pier of stone or iron in the Branch 1873, c. 233, § 4. Delaware bay, at or near Lewes, in Sussex county, in the State of Delaware, out of any money in the treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War.

Junction and Breakwater Rail be lawful for the president, directors, and company of the over pier, etc.

Junction and Breakwater railroad, in the State of Delaware, to extend their railroad upon and over said pier, and freely to use said pier in connection with their said road, subject to such regulations and charges for maintenance and repairs as the Secretary of War may adopt.

Approved, July 15, 1870.

Jan. 18, 1871.

Vol. 16, p. 399.

CHAP. 21.—An Act Making an additional appropriation for the improvement of the Louisville and Portland Canal for the fiscal year ending June thirty, eighteen hundred and seventy-one, and for other purposes.

Appropriation for Louisville Be it enacted by the Senate and House of Representatives and Portland Ca- of the United States of America in Congress assembled, That the additional sum of two hundred thousand dollars be, and the same is hereby, appropriated out of any money in the treasury not otherwise appropriated, for the improvement of the Louisville and Portland Canal during the current

For work at fiscal year, to be expended in accordance with existing laws; Rapids, Missis and for the completion of the section work at the Des Moines rapids, three hundred and forty-one thousand dollars

Approved, January 18, 1871.

Feb. 2, 1871.

Vol. 16, p. 402.

CHAP. 34.—An Act Making a temporary appropriation for the prosecution of the work upon the improvement of Saint Mary's Falls Canal and Saint Mary's River, Michigan.

Appropriation of the United States of America in Congress assembled, That of St. Marys there be, and is hereby, appropriated, to be paid out of any Falls Canal and money in the treasury not otherwise appropriated, to be expended under the direction and superintendence of the

of the Secretary of War, for the purpose of continuing the prosecution of the work upon the improvement of Saint Mary's Falls canal and Saint Mary's river, the sum of one hundred thousand dollars.

Approved, February 2, 1871.

[No. 40.] A Resolution Authorizing water gauges to be established and observations to be made upon the Mississippi River and its principal tributaries, with a view to obtaining information required for the protection of the alluvial lands against overflow, and for the improvement of navigation.

Feb. 21, 1871. Vol. 16, p. 598.

Resolved by the Senate and House of Representatives of the Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Water gauges Secretary of War be, and he is hereby, authorized and and observations directed to have water gauges established, and daily obser—made of rise and fall of lower Mississippi sissippi, etc., at river and its chief tributaries, at or in the vicinity of Saint certain designated places.

Louis Cairo Memohis. Helena, Napoleon, Providence, Vol. 25, pp. 421, Louis, Cairo, Memphis, Helena, Napoleon, Providence, 424. Vicksburg, Red River Landing, Baton Rouge, and Carroll-Ph Post. pp. 512, ton, on the Mississippi, between the mouth of the Missouri 516. and the Gulf of Mexico, and at or in the vicinity of Fort

Leavenworth, on the Missouri: Rock Island, on the Upper Mississippi;

Louisville, on the Ohio; Florence, on the Tennessee; Jacksonport, on the White River; Little Rock, on the Arkansas; And Alexandria, on the Red River;

and such other places as the Secretary of War may deem advisable; the expenditure for the same to be made from the appropriation for the improvement of rivers and harbors: Provided, That the annual cost of the observations Expenditure shall not exceed the sum of five thousand dollars per an-\$5,000 a year.

Approved, February 21, 1871.

[No. 47.] Joint Resolution Extending the time for the completion Mar. 2, 1871. Vol. 16, p. 599. of the Portage Lake and Lake Superior Ship Canal.

Resolved by the Senate and House of Representatives of the Time for com-United States of America in Congress assembled, That the age Lake and time for the completion of the Portage Lake and Lake Lake Superior Superior ship canal be, and the same is hereby, extended tended. 1865.c.102: 1866. to the third day of March, A. D. eighteen hundred and c. 161; 1869, res.
No. 16; 1872, c. 66; seventy-two. 1873, c. 323.

Approved, March 2, 1871.

Mar. 3, 1871. Vol. 16, p. 495.

CHAP. 114.—An Act Making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirty. eighteen hundred and seventy-two. and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

And Godfrey Weitzel, of the corps of engineers, United

Miscellaneous.

Miscellaneous.

Payment to John B. Brown isville and Portland Canal.

Limit

amount.

for work on Lou-States army, and in charge of the improvement of the Louisville canal, is hereby empowered and directed, subject to the approval of the chief of said corps of engineers. to adjust and pay, out of any money appropriated for the improvement of said canal, to John B. Brown, any legal or equitable claim he may have against the United States arising out of his contract by him to perform work on said improvement of said canal, in eighteen hundred and seventy: Provided, That there shall not be paid to him in any event over eight thousand two hundred dollars, nor more under that sum than, together with any sums already paid him on account of said contract and work, shall be equal to the fair and reasonable value to the government of the work done by him for the government under such contract.

Approved, March 3, 1871.

CHAP. 118.—An Act Making appropriations for the repair, pres-Mar. 3, 1871. Vol. 16, p. 538, ervation, and completion of certain public works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums of money be, and are hereby, appropublic works on priated, to be paid out of any money in the treasury not rivers and har otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

Superior.

For improvement of Superior City harbor, Wisconsin,

sixty thousand dollars.

Marquette.

For improvement of Marquette harbor, Lake Superior,

Michigan, sixty thousand dollars.

Green Bay.

For improvement of Green Bay harbor, Wisconsin, sev-

enteen thousand five hundred dollars.

Manitowoc.

For improvement of Manitowoc harbor, Wisconsin,

eleven thousand dollars.

Shebovgan.

For improvement of Sheboygan harbor, Wisconsin, fif-

teen thousand dollars.

Port Washington.

For improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Milwankee.

For improvement of Milwaukee harbor, Wisconsin, thirty-eight thousand dollars.

For improvement of Racine harbor, Wisconsin, ten Racine thousand dollars.

For improvement of Kenosha harbor, Wisconsin, ten Kenosha. thousand dollars.

For improvement of Two-Rivers harbor, Wisconsin.

Two Rivers twenty-five thousand dollars.

For improvement of Ahnapee harbor, Wisconsin, twen-Ahnapee. tv-five thousand dollars.

For improvement of harbor at mouth of Menomonee river, Mouth of Menomonee River, nominee River. Wisconsin and Michigan, twenty-five thousand dollars.

For improvement of the north and south branches of the River.

Shrewsbury river, New Jersey, fourteen thousand dollars.

For improvement of Aux Becs Scies harbor, Michigan, (Frankfort). Aux Becs Scies ten thousand dollars.

For the improvement of South river, New Jersey, fifteen South River.

thousand dollars.

For the removal of obstructions of Salem river, New Salem River. Jersey, four thousand dollars.

For improvement of Manistee harbor, Michigan, nine Manistee Har-

thousand dollars.

For improvement of Ouachita river from the Louisiana or Ouachita Riv-State line to the town of Arkadelphia, in the State of Arkansas, on said river, twenty-five thousand dollars.

For improvement of Pere Marquette harbor, Michigan, quette (Luding-

ten thousand dollars.

Pentwater. For improvement of Pentwater harbor, Michigan, ten thousand dollars.

For improvement of White River harbor, Michigan, (Lake). White River

twenty thousand dollars.

Muskegon. For improvement of Muskegan harbor, Michigan, fifteen thousand dollars.

For improvement of Grand Haven harbor, Michigan, six Grand Haven.

thousand dollars.

For improvement of Black Lake harbor, Michigan, ten Black Lake thousand dollars.

For improvement of Saugutuck harbor, Michigan, ten Saugatuck.

thousand dollars.

For improvement of Cheboygan harbor, Michigan, ten Cheboygan, thousand dollars.

South Haven. For improvement of South Haven harbor, Michigan,

fifteen thousand dollars.

St. Joseph. For improvement of Saint Joseph harbor, Michigan, ten

thousand dollars.

For improvement of Saint Mary's Falls canal and Saint St. Marys Falls Canal and Saint Canal and St. Mary's river, Michigan, two hundred and fifty thousand Mary's River. dollars.

For improvement of Au Sable river, Michigan, ten Au Sable River.

thousand dollars.

For harbor of refuge, Lake Huron, Michigan, one hun- Sand beach, (Harbor Beach.) dred thousand dollars [a].

a The location is at what was formerly known as Sandbeach. town that, has since grown up is now called Harbor Beach.

Clinton River. For improvement of Clinton river, Michigan, one thousand five hundred dollars.

St. Clair flats. For improvement of Saint Clair flats, Michigan, one thousand five hundred dollars.

Toledo. For improvement of Toledo harbor, Ohio, fifty thousand dollars.

Ashtabula. For improvement of Ashtabula harbor, Ohio, fifteen thousand dollars.

Schuylkill For clearing and buoying the channel of the Schuylkill river, at its mouth, at Gibson's point, and above to the Chestnut Street bridge, Philadelphia, Pennsylvania, ten thousand dollars.

Erie Harbor. For improvement of Erie harbor, Pennsylvania, twenty-nine thousand dollars.

Chicago. For improvement of Chicago harbor, Illinois, one hundred thousand dollars.

Calumet. For harbor of refuge, at Calumet, Illinois, fifty thousand dollars.

Michigan City. For improvement of Michigan City harbor, Indiana, fifteen thousand dollars.

Dunkirk. For improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

Port Jefferson. For improvement of Port Jefferson harbor, Long Island, New York, fifteen thousand dollars.

Buffalo. For improvement of Buffalo harbor, New York, one hundred thousand dollars.

Olcott. For improvement of Olcott harbor, New York, five thousand dollars.

Oak Orchard harbor, New York, ten thousand dollars.

Charlotte. For improvement of Charlotte harbor, New York, ten thousand dollars.

For improvement of Little Sodus harbor, New York, fifteen thousand dollars.

For improvement of Pultneyville harbor, New York, five thousand dollars.

Oswego. For improvement of Oswego harbor, New York, one hundred thousand dollars.

Ogdensburg harbor, New York, twenty-five thousand dollars.

Plattsburg. For improvement of Plattsburg harbor, New York, fifteen thousand dollars.

Peconic River. For the improvement of Peconic river, below the village of Riverhead, Long Island, five thousand dollars.

Burlington, Vt. For improvement of Burlington harbor, Vermont, thirty thousand dollars.

Falls of St. For the preservation of the falls of Saint Anthony, and the navigation of the Mississippi river above the same, fifty thousand dollars.

Ouachita. For improvement of the Ouachita river, in Louisiana, from the Arkansas State line to the mouth of said river, twenty-six thousand dollars.

For improvement of the upper Mississippi river, and Upper Missisremoving snags and dredging, forty-two thousand dollars: part for any pate Provided, That no part of such sum shall be paid for the ented machine. use of any patent or patented machine in which any engineer or officer employed by the government may be inter-

For improvement of the Minnesota river, ten thousand Minnesota dollars.

For improvement of the Rock Island rapids, one hun-Rock Island dred and fifty thousand dollars.

For improvement of the Des Moines rapids, two hun-Rapids.

dred and fifty thousand dollars.

For improvement of the Mississippi, Missouri, and Ar-Mississippi, insas rivers, one hundred and fifty thousand dollars.

\*\*Mississippi, Missouri, and Ar-Mississippi, insas rivers, and Ar-Mississippi, insas rivers. kansas rivers, one hundred and fifty thousand dollars.

For improvement of the mouth of the Mississippi river, Mouth of Mississippi River.

one hundred and twenty-five thousand dollars.

For improvement of the falls of the Ohio river, and ChioRiverand Louisville and L For improvement of the Ohio river, fifty thousand dol- Ohio River.

For improvement of Queenstown harbor, Maryland, five Queenstown Harbor.

thousand dollars.

For improvement of harbor at Cambridge, Maryland, Mandand, Mandander, Maryland, Mandander, Maryland, Mandander, Maryland, Mary

ten thousand dollars.

For improvement of the ship-channel in the Patapsco Patapsco River river and Chesapeake bay, leading toward the harbor of Bay. Baltimore, fifty thousand dollars.

For improvement of the channel at the mouth of Cape Cape Fear Riv-

Fear river, North Carolina, seventy-five thousand dollars.

For improvement of Roanoke river, below Weldon, Roanoke River.

North Carolina, twenty thousand dollars.

For improvement of the ship-channel in Charleston har- Charleston har- Harbor. bor, South Carolina, thirteen thousand dollars.

For improvement of the James river, below Richmond, James River.

Virginia, fifty thousand dollars.

For improvement of the Appomattox river, below Appomattox Petersburg, Virginia, fifty thousand dollars.

For improvement of the Rappahannock river, Virginia, Rappahannock toon the result of the Rappahannock river, Virginia, Rappaha

fifteen thousand dollars.

For improvement of the Hudson river, New York, forty Hudson River.

thousand dollars. For improvement of the East river, New York, includ-East River and

ing Hell Gate, two hundred and fifty thousand dollars. Pawtucket

For improvement of Pawtucket River, Rhode Island, River.

seven thousand dollars.

Block Island. For construction of breakwater at Block Island, Rhode Island, seventy-five thousand dollars.

Pawcatuck For improvement of Pawcatuck river, Rhode Island and River.

Connecticut, ten thousand dollars.

For improvement of Thames river, Connecticut, fifteen Thames River.

thousand dollars. For improvement of Connecticut river, above Hartford Connecticut and below Holyoke, twenty thousand dollars.

For improvement of Connecticut river, below Hartford, thirty-five thousand dollars.

New Haven For improvement of New Haven harbor, Connecticut, forty thousand dollars.

Housatonic For improvement of the Housatonic river, Connecticut, fifteen thousand dollars.

Bridgeport. For improvement of Bridgeport harbor, Connecticut, twenty thousand dollars.

Taunton River. For improvement of Taunton river, Massachusetts, ten thousand dollars.

Hyannis. For improvement of Hyannis harbor, Massachusetts, ten thousand dollars.

Provincetown. For improvement of Provincetown harbor, Massachusetts, six thousand dollars.

Plymouth. For improvement of Plymouth harbor, Massachusetts, ten thousand dollars.

For improvement of Boston harbor, Massachusetts, one hundred thousand dollars.

Merrimac Riv- For improvement of Merrimac river, above Haverhill,
Massachusetts, twenty-five thousand dollars.

Kennebunk For improvement of Konnebunk river Meine five

Kennebunk river, Maine, five thousand dollars.

Saco River. For improvement of Saco river, Maine, fifteen thousand dollars.

For improvement of Portland Harbor, Maine, forty thousand dollars.

Cocheco River. For improvement of the Cocheco river, within the town of Dover, New Hampshire, ten thousand dollars.

Kennebec For improvement of Kennebec river, above Hallowell, Maine, ten thousand dollars.

Kennebec For improvement of Kennebec river, between Gardiner and Richmond, Maine, five thousand dollars.

Gut. For improvement of navigation at the "Gut" [a], opposite Bath, Maine, six thousand five hundred dollars.

Fenobscot For improvement of the Penobscot river, at Bangor, and below, Maine, fifty thousand dollars.

Other rivers in For improvement of Union river, Maine, fifteen thousand dollars.

For improvement of Royal's river, Maine, ten thousand dollars.

Narragaugus river, Maine, twelve thousand dollars.

sullivan River. For improvement of Sullivan river, Maine, ten thousand dollars.

Rivers in Ar For improvement of White, Black, and Little Red rivers, in the State of Arkansas, ten thousand dollars.

St. Francis For improvement of Saint Francis river, in the State of Arkansas, ten thousand dollars.

Little Missouri For improvement of the Little Missouri river, in the State of Arkansas, ten thousand dollars.

Cumberland For improvement of the Cumberland river, below Nash-ville, Tennessee, thirty thousand dollars.

For improvement of Galveston harbor, Texas, twenty Galveston. thousand dollars.

For construction of breakwater at Wilmington harbor, Wilmington. California, two hundred thousand dollars.

For improvement of the Umpqua river, Oregon, twenty- UmpquaRiver two thousand five hundred dollars.

For the improvement of the bar at the mouth of the Saint St. Johns River, John's river, Florida, fifteen thousand dollars.

For improvement of Mobile harbor, Alabama, fifty thou-Mobile.

sand dollars.

For improvement of the Osage river, Missouri, twenty- Osage River. five thousand dollars.

For improvement of the harbor at Du Luth, Minnesota, Duluth.

sixty thousand dollars.

For improvement of the Willamette river, above Oregon Willamette

city. Oregon, sixteen thousand dollars.

For examination and surveys for improvement on the surveys, etc., northern and northwestern lakes and rivers, and the At-ments on lakes, larting and Decide coasts, and for coasts and for coasts and rivers, and coasts. lantic and Pacific coasts, and for contingencies of rivers and harbors not provided for in this act, one hundred and seventy-five thousand dollars.

SEC. 2. That all moneys heretofore appropriated for the unexpended improvement of the Tennessee river, and still unexpended, for improvement shall be expended, under the direction of the Secretary of of Tennessee War, for the repair and completion of the works heretofore expended. begun between Knoxville and Chattanooga, and for the continuation of the works now in progress below Chatta-

nooga, including the Muscle shoals.

nooga, including the Muscle shoals.

Sec. 3. That the Secretary of War is hereby directed to Examinations or cause examinations or surveys, or both, to be made at the both, to be made at various points. following points, namely:

At Galveston harbor, from the outer bar up to the Red

Fish bar, on or nearest to the west shore;

At Mississippi city for harbor on Mississippi sound;

At Black river, Missouri, to Poplar bluff;

At Current river, Missouri, from its mouth to Van Buren; At Otter creek, Vermont;

At Nolfolk harbor, Virginia;

At Eureka harbor, and at Santa Cruz, California;

At Passaic river, between Newark and at Passaic, New

Jersey;

For ship canal from the head of Sturgeon bay, Wisconsin, on the line now opened across the portage through the timber to the shore of Lake Michigan, with estimates for constructing the same one hundred feet wide and thirteen feet deep:

At East Chester creek or inlet, New York;

At Port Chester harbor, New York;

At Rondout harbor, Hudson river, New York;

At Maumee river, above Toledo, Ohio;

At Fourche La Faive [Fourche Le Fevre] river, Arkan-

For resurveying of Monroe harbor, Michigan;

For survey and estimate for removing middle ground at the mouth of Black river, in Saint Clair river, Michigan;

Harbor at Stonington, Connecticut;

At Grand Marais, Michigan; At Neabsco bay, Virginia; At Accotink bay, Virginia; At Savannah harbor, Georgia; At Well's harbor, Maine;

At Coosa river, Alabama;

At Huntington harbor, on south coast of Long Island

sound:

And to complete the survey of the Cumberland river, and the resurvey of the Tennessee river, from Brown's ferry to Florence, Alabama;

At Choctawhatchee river, Florida;

At Aquia creek, Virginia;

For survey of White river, from Buffalo shoals to the mouth of James fork, Missouri;

For the survey of the Wabash river, from its mouth to

the city of Lafavette:

For survey of the Monongahela river, from New Geneva,

in Pennsylvania, to Morgantown, in West Virginia;

For a survey beginning at or near Guntersville, on the Tennessee river, to the headwaters of the Warrior and Coosa rivers, in Alabama, with a view of determining the practicability of uniting the waters of the Tennessee river with the waters of the Warrior or Coosa river for the purposes of navigation, and estimates for necessary locks and dams to extend the navigation on said river to the last-named place;

For examination and survey of the Etowah river, from its mouth up to Cartersville, Georgia, and also for examination and survey of Atchafalava bay and Calcasieu pass.

Louisiana:

Of the Oostenaula river; from Rome, Georgia, up to the mouth of the Coosawattee;

At Chattahoochee river, below Columbus, Georgia; At the mouth of the Saint John's river, from the outer bar to Jacksonville, Florida;

At the mouth of the Saint Mark's river, from Spanish hole to Saint Mark's, Florida;

At Apalachicola bay, Florida;

At Tampa bay, at Tampa, Florida;

For resurvey of Fifteen-mile falls [Connecticut River];

At Elizabeth and Nansemond rivers, Virginia;

At Camden, Arkansas, to Trinity, Louisiana, on Ouachita river;

At Goldsboro, North Carolina, to the mouth of Neuse river;

At the mouth of Licking river, Kentucky, for harbor of refuge;

For survey of the Cape Fear and Deep rivers, as far up as La Grange, North Carolina;

At Cuivre river, Missouri, from its mouth to Moscow Mills:

At Bayou Bartholomew, from its mouth to the Arkansas State line:

For the examination and survey of the Tangipaha and Chifuncte rivers, in the State of Louisiana:

For the survey of Horse Shoe shoals, in the Delaware

river, below Philadelphia, Pennsylvania:

For the survey of the harbor of Norwalk, Connecticut: For surveying the mouths of Quantico and Choppa Wamasic bays, Virginia;

For examination and survey of Red river, from the mouth

to a point above the raft in Louisiana.

SEC. 4. That the unexpended balances of appropriations Unexpended made by the act approved July eleven, eighteen hundred propriations by and seventy, entitled "An act making appropriations for act 1870, c. 240, reappropriated." the repair, preservation, and completion of certain public works in [on] rivers and harbors, and for other purposes, for the fiscal year ending June thirty, eighteen hundred and seventy-one," are hereby reappropriated for the purposes therein specified: Provided, That any part of the appropriations made by this act may, at the discretion of the Secretary of War, be applied during the current fiscal year.

Approved, March 3, 1871.

CHAP. 197.—An Act For the relief of Charles Cooper, Goshom A. Jones, Jerome Rowley, William Hannegan, and John Hannegan.

Mar. 3, 1871. Vol. 16, p. 700.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Hannegan and Charles Cooper, Goshom A. Jones, Jerome Rowley, Wil-their sureties to be released from liam Hannegan, and John Hannegan be, and they are liability on their hereby, released and discharged from all liability to the contract for improvement. United States under and by reason of their bond executed provement of Des Moines Rapthereto to secure the faithful performance, by the said ids. William Hannegan and John Hannegan, of their contract with the government of the United States for the improvement of Des Moines rapids, of the Mississippi river, in the State of Iowa, and that the action at law, now pending in the circuit court of the United States for the sixth circuit and northern district of Ohio to enforce said bond, be discontinued by the proper officer of the government, at the costs of the defendants.

Approved, March 3, 1871.

CHAP. 14.—An Act Relating to the harbor at Buffalo, New York.

Apr. 15, 1871. Vol. 17, p. 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Contract for improvement of the Secretary of War be authorized, when in his judgment harborat Buffalo he thinks it will be for the interest of the United States, by Secretary of to extend or continue the contract for the improvement of War. the harbor at Buffalo, made and entered into upon the twentieth day of January, eighteen hundred and sixty-eight.

Approved, April 15, 1871.

Apr. 20, 1871. Vol. 17, p. 5. CHAP. 21.—An Act Making appropriations to supply deficiencies in the appropriations for the service of the year ending June thirtieth, eighteen hundred and seventy-one, and for additional appropriations for the service of the year ending June thirtieth, eighteen hundred and seventy-two, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Pier at Lewes, Sec. 10. That the appropriation for building a pier at 1870, c. 292, §§ Lewes, Delaware, contained in sections twelve and thirteen 12,13:1872, c. 172, of the Act approved July fifteenth, eighteen hundred and seventy, entitled "An act making appropriations for sundry civil expenses of the government for the year ending June thirtieth, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, continued until June thirtieth, eighteen hundred and seventy-two.

Approved, April 20, 1871.

Mar. 1, 1872. Vol. 17, p. 32. CHAP. 23.—An Act Extending the time for the completion of the Green Bay and Sturgeon Bay and Lake Michigan Ship Canal, in the State of Wisconsin.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Time for completing Sturgeon and Lake Michigan ship canal be, and the same is Michigan Ship hereby, extended to the tenth day of April, anno Domini 1886, c. 32.

Approved, March 1, 1872.

Mar. 5, 1872. Vol. 17, p. 36.

**CHAP. 36.**—An Act To provide for the survey of the harbor and river at Washington, D. C.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Boardofsurvey the chief of engineers of the United States Army, the harbor and river superintendent of the coast survey, the engineer in charge at Washington, of public buildings and grounds, the governor of the Dis1873.c.233; 1874, trict of Columbia, Alexander R. Shepherd, and Carlisle P.
c. 457. Patterson, who shall serve without compensation, are

To serve with-hereby created a board of survey, and are empowered and instructed to examine into the condition of the harbors and landings for vessels from the Anacostia bridge, on the eastern branch, along the entire water-front of the city

of Washington and Georgetown, to the head of tide-water. And the said board are directed to report to Congress, at as early a day as practicable, a full and comprehensive plan for opening, improving, and developing the waterchannel so as to secure the best possible harbor facilities along said water-front. And the said board are also directed to take into consideration the sanitary effect upon the city of Washington, and the feasibility of reclaiming, in any improvements suggested, the swamp and marsh lands along said water-front: Provided, That any expense attending said report shall not exceed one thousand dollars, and shall be paid by the District of Columbia.

Their duties.

Expenses.

Approved, March 5, 1872.

CHAP. 66.—An Act Extending the time for the completion of the Portage Lake and Lake Superior Ship Canal.

Mar. 27, 1872 Vol. 17, p. 44.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Time for comtime for the completion of the Portage Lake and Lake Su-age Lake and perior Ship Canal be, and the same is hereby, extended to Ship Canal exthe third day of March, anno Domini eighteen hundred and tended. 1985, c. 102: 1866. seventy-three. Approved, March 27, 1872.

1865, c. 102; 1866, c. 161; 1869, Res. 16; 1871, Res. 47; 1873, c. 323.

CHAP. 123.—An Act For the relief of R. Nelson Gere.

Apr. 26, 1872. Vol. 17, p. 658.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Contract with the Secretary of War be, and he is hereby, authorized to for breakwater cancel the contract entered into by R. Nelson Gere, of the canceled. city of Syracuse, New York, in the year eighteen hundred and seventy-one, for building a breakwater in the harbor of Oswego, in said State of New York, and to release said Gere therefrom.

Approved, April 26, 1872.

CHAP. 172.—An Act Making appropriations to supply deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirty, service in hundred and seventy-two, and for former years, and for other purposes.

May 18, 1872. Vol. 17, p. 122.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

SEC. 4. That the appropriation for building a pier at Appropriation Lewes, Delaware, contained in sections twelve and thirteen belt, continued of the act approved July fifteen, eighteen hundred and 1870,c. 292, §§ 12, c. 21;1878, seventy, entitled "An act making appropriations for sun-c. 233, § 4. dry civil expenses of the government for the year ending

June thirty, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, continued until June thirty, eighteen hundred and seventy-three.

Approved, May 18, 1872.

May 21, 1872. Vol. 17, p. 139. CHAP. 186.—An Act To authorize the city of Buffalo, New York, to construct a tunnel under Niagara River, and to erect and maintain an inlet-pier therefrom, for the purpose of supplying the city of Buffalo with pure water.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That City of Buffalo it shall and may be lawful for the City of Buffalo, in the tunnel under Nit State of New York, to construct and maintain a tunnel agara River, etc. under Black Rock harbor and Niagara river, extending not more than seven hundred feet outside of Bird Island pier, and to erect and maintain an inlet-pier therefrom, said inlet-pier to be located not more than seven hundred feet outside of said Bird Island pier.

Approved, May 21, 1872.

May 27, 1872. Vol. 17, p. 162.

**CHAP. 219.**—An Act To authorize the Secretary of War to accept the peninsula in Lake Erie, opposite the harbor of Erie, in the State of Pennsylvania.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Secretary of the Secretary of War be, and he is hereby, authorized and title to peninsula empowered to receive and accept from the Marine Hospital in Lake Erle, opposite harbor of Pennsylvania, a corporation duly incorporated by the commonwealth of Pennsylvania, the title to a piece or parcel of land, being the peninsula lying to the northward of and inclosing the bay of Presque Isle, and containing two thousand and twenty-four acres, more or less, to be held by the government of the United States for the protection of the harbor of Erie: Provided, That the deed conveying the same is complete and indefeasible, nor unless the acceptance thereof shall be recommended by a board of officers of the corps of engineers appointed by the President.

Approved May 27, 1872.

June 8, 1872. Vol. 17, p. 679. CHAP. 372.—An Act For the relief of Samuel Black and Albert R. Cooper.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to Godfrey Weitzel, of the corps of engineers, United States and Albert R army, and in charge of the improvement of the Louisville Cooper, for work canal, is hereby empowered and directed, subject to the Portland Canal. approval of the chief of said corps of engineers, to adjust

and pay, out of any money appropriated for the improvement of said canal, to Samuel Black and Albert R. Cooper any legal or equitable claim they may have against the United States arising out of their contract to perform work on said improvement of said canal in eighteen hundred and seventy and eighteen hundred and seventy-one: Provided, That there shall not be paid to them, in any event, over twenty thousand dollars, nor more under that sum than, together with any sums already paid to them on account of said contract and work, shall be equal to the fair and reasonable value to the government of the work done by them for the government under such contract.

Limit to

Approved, June 8, 1872.

**CHAP.** 415.—An Act Making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-three, and for other purposes.

June 10, 1872. Vol. 17, p. 347.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-three, viz.:

Miscellaneous objects.—

To enable the Secretary of War to pay the expenses in-Arbitration becurred, on the part of the United States, in the arbitration states and Green had between the United States and the Green Bay and Co., Fox River Mississippi Canal Company, thirteen thousand seven hun-improvements. dred and thirteen dollars and ninety-seven cents.

Approved, June 10, 1872.

**CHAP. 416.**—An Act Making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

June 10, 1872.
Vol. 17, p. 870.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for repair, etc., the following sums of money be, and are hereby, appro- of public works priated, to be paid out of any money in the treasury not harbors. otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter

named:
For the improvement of Du Luth harbor, Minnesota, fifty thousand dollars: *Provided*, That no part of said sum

Duluth. Proviso. shall be expended so as to injure the harbor of Superior City, Wisconsin.

Superior. For the improvement of Superior City harbor, Wisconsin, fifty thousand dollars.

Marquette. For the improvement of Marquette harbor, Michigan,

fifty thousand dollars.

Menominee. For the improvement of Menomonee harbor, Michigan and Wisconsin, twenty-five thousand dollars.

Ahnapee. For the improvement of Ahnapee harbor, Wisconsin, twenty-five thousand dollars.

Two Rivers. For the improvement of Two Rivers harbor, Wisconsin, twenty-five thousand dollars.

For the improvement of Sheboygan harbor, Wisconsin, eighteen thousand dollars.

For the improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Kenosha. For the improvement of Kenosha harbor, Wisconsin, ten thousand dollars.

Chicago, Eor the improvement of Chicago harbor, Illinois, ninety

Chicago For the improvement of Chicago harbor, Illinois, ninety thousand dollars.

Calumet For the improvement of Calumet harbor, Illinois, forty

Calumet. For the improvement of Calumet harbor, Illinois, forty thousand dollars.

Michigan City. For the improvement of Michigan City harbor, Indiana,

fifty thousand dollars.

New Buffalo.

For the improvement of New Buffalo harbor, Michigan,

five thousand dollars.

Green Bay and Ton payment to the Green Bay and Mississinsi Con-1

Green Bay and Mississippi Canal Mississippi Canal Mississippi Canal Co. for its Company, for so much of all and singular its property and rights of property in and to the line of water communication between the Wisconsin river and the mouth of the Fox river, including its locks, dams, canals, and franchises, as were under the act of Congress for the improvement of water communication between the Mississippi river and Lake Michigan by the Wisconsin and Fox rivers, approved July seventh, eighteen hundred and seventy, reported by the Secretary of War to be needed, in his communication to the House of Representatives dated March eighth, eighteen hundred and seventy-two, one hundred and forty-five thousand dollars.

Frankfort. For the improvement of Frankfort harbor, Michigan, ten thousand dollars.

Manistee. For the improvement of Manistee harbor, Michigan, ten thousand dollars.

Pere Marquette (Luding gan, ten thousand dollars.

Pentwater. For the improvement of Pentwater harbor, Michigan, thirty thousand dollars.

White River For the improvement of White River harbor, Michigan, ten thousand dollars.

Muskegon. For the improvement of Muskegon harbor, Michigan, ten thousand dollars.

Grand Haven. For the improvement of Grand Haven harbor, Michigan, fifteen thousand dollars.

For the improvement of Black Lake harbor, Michigan, Black Lake (Holland). ten thousand dollars.

For the improvement of Saugatuck harbor, Michigan,

fifteen thousand dollars.

For the improvement of South Haven harbor, Michigan, south Haven. twelve thousand dollars.

For the improvement of Saint Joseph harbor, Michigan, st. Joseph.

three thousand dollars.

For the improvement of Saint Mary's river and Saint St. Marys River and Saint St. Marys River Mary's Falls canal, Michigan, three hundred thousand dol-Falls Canal. lars, of which sum fifteen thousand dollars may be applied to secure the right of way.

For the improvement of Cheboygan harbor, Michigan, Cheboygan.

fifteen thousand dollars.

For the improvement of Au Sable river, Michigan, ten Ausselle River, thousand dollars.

For the improvement of Harbor of Refuge, on Lake Sandbeach (Harbor Beach).

Huron, one hundred thousand dollars.

For the improvement of the mouth of Black river, in St. Mou Mouth of Black Clair river, Michigan, fifteen thousand dollars.

For the improvement of Saint Clair flats, Michigan, four St. Clair flats.

thousand dollars.

For the improvement of Toledo harbor, Ohio, fifteen

thousand dollars. For the improvement of Sandusky river, Ohio, ten thou-Sandusky

sand dollars. For the improvement of Sandusky City harbor, Ohio,

thirteen thousand dollars.

For the improvement of Ashtabula harbor, Ohio, fifteen thousand dollars. Vermilion.

For the improvement of Vermillion harbor, Ohio, five thousand dollars.

For the improvement of Erie harbor, Pennsylvania,

fifteen thousand dollars.

For the improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

For the improvement of Port Clinton harbor, Ohio,

eight thousand dollars.

For the improvement of Rocky River harbor, Ohio, ten thousand dollars.

For the improvement of Maumee river above Toledo,

Ohio, seven thousand dollars. For the improvement of Monroe harbor, Michigan, ten

thousand dollars.

For the improvement of Buffalo harbor, New York, seventy-five thousand dollars; and the unexpended balance heretofore appropriated for building sea-wall at Buffalo.

For the improvement of Olcott harbor, New York, ten thousand dollars.

For the improvement of Oak Orchard harbor, New York, two thousand five hundred dollars.

For the improvement of Pultneyville harbor, New York, ten thousand dollars.

Pultneyville.

Ashtabula.

Erie.

Dunkirk.

Port Clinton.

Rocky River.

Maumee River.

Monroe.

Buffalo.

Olcott. Oak Orchard. Little Sodus. For the improvement of Little Sodus harbor, New York, fifteen thousand dollars.

Great Sodus. For the improvement of Big Sodus harbor, New York, fifteen thousand dollars.

Oswego. For the improvement of Oswego harbor, New York, one hundred thousand dollars.

ogdensburg. For the improvement of Ogdensburgh harbor, New York, ten thousand dollars.

Plattsburg. For the improvement of Plattsburgh harbor, New York, ten thousand dollars.

Burlington. For the improvement of Burlington harbor, Vermont, thirty thousand dollars.

Otter Creek. For the improvement of Otter creek, Vermont, from Vergennes to its outlet on Lake Champlain, ten thousand dollars.

Dredge, etc., For dredge and snag boats on the Upper Mississippi mississippi. river, forty-two thousand dollars.

Minnesota Riv- For the improvement of the Minnesota river, Minnesota ten thousand dollars.

Des Moines For the improvement of the Des Moines rapids, Missis-Rapids. sippi river, four hundred thousand dollars.

Rock Island For the improvement of the Rock Island rapids, Mississippi river, fifty thousand dollars.

Falls of St. Anthony, etc.

For the preservation of the Falls of Saint Anthony,
Minnesota, and the navigation of the Mississippi river
above the same, fifty thousand dollars.

Mississippi, For improvement of the Mississippi, Missouri, and Arrivers. kansas rivers, ninety thousand dollars;

Little Missouri For improvement of the Little Missouri river, ten thousand dollars.

Ouachita Riv- For improvement of the Ouachita river, in Arkansas, sixty thousand dollars;

And further improvement of the Ouachita river, in

Louisiana, forty thousand dollars.

Monongahela For the improvement of the Monongahela river between Morgantown and New Geneva, in accordance with the plan submitted by General A. A. Humphreys in his report to the House of Representatives dated February fourteenth, eighteen hundred and seventy-two, twenty-five thousand dollars.

ohio River. For the improvement of the Ohio river, and the harbors thereof, including the repair of the Cumberland dam, two hundred thousand dollars.

Osage River. For the improvement of the Osage river, Missouri, twenty-five thousand dollars.

Current River. For the improvement of Currant river, Missouri, five thousand dollars.

canal at Falls of of the Ohio river, three hundred thousand dollars. And the War to report to Secretary of War is hereby directed to report to Congress, at its next session, or sooner, if practicable, the condition of said canal, and the provisions necessary to relieve the same from incumbrance, with a view to such legislation as will render the same free to commerce at the earliest practicable period, subject only to such tolls as may be necessary

Calcasieu Pass.

for the superintendence and repair thereof, which shall not, after the passage of this act, exceed five cents per ton.

For the improvement of the Mississippi river between Mississippi

the mouth of the Illinois river and the mouth of the Mis-

souri river, twenty-five thousand dollars.

For the improvement of the Mississippi river between the mouth of the Missouri river, and the mouth of the Merrimac river, one hundred thousand dollars.

For the improvement of the Wabash river, Indiana, com- Wabash River.

mencing at its mouth, fifty thousand dollars.

For the continuation of the work now in progress on the River. Tennessee river, below Chattanooga, including the Muscle shoals, fifty thousand dollars.

For the improvement of the Tennessee river, between

Knoxville and Chattanooga, twenty-five thousand dollars. For the improvement of Cumberland river, in Tennessee, Cumberland river, in Tennessee, River.

twenty thousand dollars.

For the improvement of the mouth of the Mississippi Mouth of Messissippi River. river, Louisiana, one hundred and fifty-five thousand dol-

For the improvement of Tones bayou, Louisiana, twenty Tones Bayou.

thousand dollars. For improvement of Calcasieu pass, in the State of Loui-

siana, fifteen thousand dollars.

For the improvement of bar in Galveston bay, ten thou- Galveston and Harbor. Galveston Bay sand dollars, and for improvement of the harbor of Gal-

veston, Texas, thirty-one thousand dollars. For the improvement of Cypress bayou, near Jefferson. Cypress Bayou.

Texas, ten thousand dollars.

For the improvement of the Tangipahoa river, Louisiana, Tangipahoa two thousand five hundred dollars.

For removing the raft in Red river, Louisiana, one hun-Red River raft.

dred and fifty thousand dollars.

For removing the wreck of the gunboat Oregon, in the Wreck of gun-Chifuncte river, Louisiana, six thousand dollars.

For dredging the bar at the mouth of the harbor of Cedar at Cedar Keys. Keys, Florida, seven thousand five hundred dollars.

For dredging the bar at the mouth of Saint John's river,

Florida, ten thousand dollars.

For the improvement of Mobile harbor and bay, Alabama, and Bay, and Bay, seventy-five thousand dollars.

For the improvement of the ship-channel in Charleston Charleston Harharbor, South Carolina, thirty-eight thousand seven hundred dollars.

For removing obstructions in Ashepoo river, South Caro- Ashepoo River. lina, one thousand three hundred dollars. And the amount and Stone River. of the appropriation made by act of Congress, approved 1870, c. 240. July eleventh, eighteen hundred and seventy, for removing obstructions in Town creek, near Charleston, South Carolina, which remains unexpended, is hereby appropriated to remove wrecks obstructing navigation in Stono river, South Carolina, near Church flats.

For the improvement of Savannah harbor and river, Savannah.

Georgia, fifty thousand dollars.

Baltimore.

For the improvement of the entrance to the harbor of Baltimore, in Patapsco river, and Chesapeake bay, one hundred thousand dollars.

Rappahannock

For the improvement of the Rappahannock river, below Fredericksburg, Virginia, fifteen thousand dollars.

James River.

For the improvement of the James river, Virginia, fifty thousand dollars.

Appomattox

For the improvement of the Appomattox river below Petersburgh, Virginia, forty thousand dollars.

Aquia Creek.

For the improvement of Aquia creek, Virginia, one thousand five hundred dollars.

Accotink

For the improvement of Accotink creek, Virginia, five thousand dollars.

RoanokeRiver.

For the improvement of the Roanoke river below Weldon. North Carolina, ten thousand dollars. Cape Fear Riv-For the improvement of Cape Fear river, below Wilming-

01 Queenstown.

ton, North Carolina, one hundred thousand dollars. For the improvement of Queenstown harbor, Maryland,

Worton.

six thousand dollars. For the improvement of Worton harbor, Maryland, twelve thousand dollars.

Cambridge.

For the improvement of Cambridge harbor, Maryland, ten thousand dollars.

Northeast River.

For the improvement of Northeast river, Marvland, ten thousand dollars.

Wicomico Riv-

For the improvement of the Wicomico river [a], Maryland, five thousand dollars.

Schuylkill Riv-

For clearing and improving the channel of the Schuylkill river from its mouth to the Chestnut-street bridge, Philadelphia, Pennsylvania, forty thousand dollars, of which sum sufficient is to be used for removing the rock between Locust street and the said bridge.

Wilmington.

For the improvement of Wilmington harbor, Delaware, ten thousand dollars.

Newcastle.

For the repair of pier of the ice-harbor at New Castle, Delaware, and for building a new pier at said harbor, twenty-seven thousand dollars.

Delaware Riv-

For the improvement of Delaware river, between Trenton and Bordentown, New Jersey, ten thousand dollars.

Hudson River.

For the improvement of the Hudson river, New York, forty thousand dollars.

East River.

For the removal of obstructions in the East river, New York, including Hell Gate, two hundred and twenty-five thousand dollars.

Providence

For the improvement of Providence river, Rhode Island, ten thousand dollars.

Pawtucket

For the improvement of Pawtucket river, Rhode Island, ten thousand dollars.

Passaic River.

For the improvement of the Passaic river, between Newark and Passaic, New Jersey, twenty-five thousand dollars.

Port Chester.

For the improvement and removal of rocks in Port Clester [sic] harbor, New York, twelve thousand dollars.

For the improvement of Roundout harbor, New York, Rondout. ten thousand dollars.

For the improvement of the breakwater at Block island, Block Island.

Rhode Island, fifty thousand dollars.

For the improvement of Pawcatuck river, Rhode Island Pawcatuck. and Connecticut, ten thousand dollars.

For the improvement of the Thames River, Connecticut, Thames River.

ten thousand dollars.

For the improvement of the Connecticut river, below Connecticut Hartford, Connecticut, including Saybrook bar at the mouth of the river, forty thousand dollars.

For the improvement of the Connecticut river on or above Enfield falls and below Holvoke, twenty-five thousand dol-

lars.

For the improvement of New Haven harbor, Connecticut, New Haven. twenty thousand dollars.

For the improvement of the Housatonic river, Connecti-Housatonic

cut, fifteen thousand dollars.

For the improvement of Bridgeport harbor, Connecticut, Bridgeport.

forty thousand dollars.

For the improvement of Norwalk harbor, Connecticut, Norwalk. between the stone bridge and the railroad drawbridge, ten thousand dollars.

For the improvement of Port Jefferson harbor, Long Port Jefferson.

Island, New York, fifteen thousand dollars.

For the improvement of Peconic river, Long Island, New Peconic River.

York, ten thousand dollars.

For the improvement of Huntington harbor, Long Island,

New York, twenty-two thousand five hundred dollars.

For the improvement of the Narragaugus river, Maine, Narraguagus ten thousand dollars. For the improvment of Sullivan river and Sullivan falls, Sullivan River

Maine, twenty-five thousand dollars.

For the improvement of the Penobscot river, Maine, forty or Penobscot Rivthousand dollars.

For the improvement of the Kennebec river, Maine, eight Kennebec Rivthousand dollars.

For the improvement of Royals river, Maine, ten thou- Royals River. sand dollars.

For the improvement of Portland harbor and Back bay,

Maine, forty-five thousand dollars.

For the improvement of Saco river, Maine, fifteen thou- Saco River. sand dollars.

For the improvement of Richmond's Island, Maine, twenty Richmond Island. thousand dollars.

For removing rock in Gloucester harbor, Massachusetts, Gloucester.

ten thousand dollars. For the improvement of Boston harbor, Massachusetts, Boston.

seventy-five thousand dollars.

For the improvement of Taunton river, Massachusetts, Taunton River.

ten thousand dollars. For the improvement of Plymouth harbor, Massachu-Plymouth. setts, two thousand five hundred dollars.

Provincetown.

Edgartown. For the improvement of Edgartown harbor, Massachusetts, twenty thousand dollars.

For the improvement of Provincetown harbor, Massachu-

setts, five thousand dollars. For the improvement of Wells harbor, Maine, five thou-Wells.

sand dollars. Wellfleet For removal of rocks at entrance of Wellfleet harbor.

Massachusetts, five thousand dollars. Merrimac Riv-For the improvement of the Merrimac river above Ha-

ΔT. verhill, Massachusetts, twenty-five thousand dollars. Duxbury. For the improvement of Duxbury harbor, Massachu-

setts, ten thousand dollars. For the improvement of Wareham harbor, Massachu-Wareham.

setts, ten thousand dollars. Lower Willa-For the improvement of the Lower Willamette river. mette River.

Oregon, fifty thousand dollars. Upper Colum-bia River. For the improvement of the Upper Columbia river,

Oregon, fifty thousand dollars. San Francisco. For the removal of Rincon rock, in the harbor of San Francisco, California, fifty thousand dollars.

Wilmington. For the improvement of the breakwater at Wilmington, California, seventy-five thousand dollars.

Tombigbee For the improvement of the Tombigbee river, ten thou-1873, c. 233. sand dollars.

New Haven. For removal of rocks at New Haven harbor, Connecticut, fifteen thousand dollars.

Cocheco River. For improvement of Cocheco river within the town of Dover, New Hampshire, ten thousand dollars.

Black River. For improvement of Black River harbor, Ohio, twenty thousand dollars.

Surveys, etc., For surveys and examinations, with a view to the imfor improvement of rivers and har-provement of rivers and harbors, one hundred and fifty thousand dollars.

Examinations Sec. 2. That the Secretary of War is hereby directed to or surveys, or both, to be made cause examinations or surveys, or both, to be made at the atvarious points. following points, namely:

At Keyport harbor, New Jersey; channel between Staten island and New Jersey;

At Cohansey creek, New Jersey;

At Bear creek, Lake Ontario, New York;

At Waddington harbor, New York:

For a breakwater at Rouse's Point, on Lake Champlain, New York;

At Port Austin and Port Crescent, Michigan; At the mouth of Pensaukie river, Wisconsin;

At Waukegan harbor, Illinois; The Machias river, Maine;

At Wickford harbor and Newport harbor, Rhode Island; The east side of Providence river, between Field's point and Fox point, Rhode Island;

At Port Orford, Oregon;

At Estero bay[a], San Louis Obispo county, California;

a Known also as El Moro Harbor.

At the mouths of Nomoni creek and Occoquan river, Virginia:

The bay or sound from Delaware line through Worcester county to Chincoteague inlet, Virginia, with a view to an inlet at or near a place called the Hommacks;

For ship-canal between the waters of Galveston bay and

Saline [Sabine] lake, Texas;

Chester river at Kent Island narrows, Maryland; Saint Francis river, from Greenville down, Missouri;

Gasconade river, Missouri;

Tombigbee river, between Fulton and Columbus, Mississippi;

Harbor of Cedar Keys and channel to same, Florida;

Niantic river, Connecticut;

The bars at the outlet of Sabine pass, Texas;

The Mississippi river between the mouth of the Missouri river and the mouth of the Ohio river;

West end of the pass [Sabine Pass] at and near Blo

[Blue] Buck point, Texas;

The bar at the mouth of Sabine river in Sabine lake, and to extend up the main channel of said river to the town of

Belzora;

At the mouth of the Nuches [Neches] river, in Sabine lake, and to extend up the main channel of said river to the town of Boonville, at the point where the Angelica [Angelina] river falls into the Nuches [Neches] river, and to extend up the main channel of said river to the town of Pattonia, Texas;

At the mouth of the Trinity river, in Galveston bay, and to extend up the main channel of said river to the town of

Magnolia, Texas;

Washington harbor, North Carolina;

Edenton harbor, North Carolina; Mouth of Mackay's creek, North Carolina;

Chippewa river up to Chippewa falls, Wisconsin;

Harbor at Swanton, Vermont;

Harbor at Galveston, Texas; At Apalachicola river, from Chattahooche, Florida, to Apalachicola;

At Chattahooche river, from Columbus, Georgia, to Chat-

tahooche, Florida;

At Flint river, from Albany, Georgia, to Chattahooche, Florida:

For survey of breakwater at Milford, Connecticut;

Mouth of Pine river, Michigan;

The harbor of San Diego, California; Mouth of Grand Calumet river, Indiana;

Great Kanawha river, from the Great falls to the mouth,

West Virginia;

To complete the survey of the James river and Kanawha canal;

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Proviso

For survey of Camden harbor, Maine:

For a sea-wall or breakwater at Trinidad harbor, California:

Of the channel and bank at entrance of Salem harbor; On Merrimack river, Massachusetts, from Haverhill to Newburyport, including Duck Hole and Currier Shoals;

The New river, from the mouth of Greenbrier, in West Virginia, to the lead mines, in Wythe county, Virginia; At St. Helena bar, in the Columbia river, Oregon:

For survery [sic] for the removal of wrecks of gun-boats, steamers, and other obstructions placed in Yazoo river during the war, and for the resurvey of Savannah harbor;

The Delaware river between Trenton and Easton; For the survey of the river St. Mary's, in Ohio and

Indiana;

For the survey of the Minnesota river above the mouth

of the Yellow Medicine, Minnesota.

In examinations or surveys of all points secretary of war mentioned in the foregoing section, the Secretary of War to a s c e r tain be directed to ascertain, as far as practicable, the amount nage of commercial business during the previous cial business year at each point, together with such other facts as bear upon the question of the contemplated improvement, and

that he communicate the same, together with his report of the examination or survey of such point, to Congress: *Provided*, That so much of the amount herewith appropriated for the survey of rivers and harbors as is requisite for contingencies, may be used for said purpose.

Approved, June 10, 1872.

Jan. 8, 1873. CHAP. 19.—An Act To provide for the removal of the sunken wreck which now obstructs the channel-way off Sandy Hook.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriation the sum of fifteen thousand dollars, or so much thereof for removal of as may be necessary, be, and the same hereby is, approprier Charles H. Mol. ated, to be expended under the direction of the Secretary ward of Flynus of War, out of any money in the treasury not otherwise Knoll, between appropriated, for the purpose of removing the sunken Ship channels, Lower New York Hook, New York: Provided, That nothing herein contained or any action to be had hereunder shall relieve from liability to repay such expenditure any one responsible for said obstruction.

Approved, January 8, 1873.

CHAP. 54.—An Act Authorizing the Secretary of War to contract for the construction of a light-draught snag-boat to ply on the Missis- Vol. 17, p. 418. sippi, Missouri, and Arkansas rivers.

Jan. 23, 1878.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of America in Congress assembled, That Construction of the United States of Congress assembled, That Construction of the United States of Congress assembled, That Construction of Congress assembled, That Congress assembled as the United States of Congress of Congress of Congress as the United States of Congress of Congress as the United States of Congress of Congr the Secretary of War be, and is hereby, authorized to con-boat may be contract for the construction of a light-draught snag-boat to ply on the Mississippi, Missouri, and Arkansas rivers: provided, That said contract shall not require more than what appropriatwenty-five thousand dollars over and above the amount tion. available for such purpose, to be taken from the next appropriation made for the improvement of said rivers.

Approved. January 23, 1873.

## CHAP. 69.—An Act For the relief of Margaret Fillebrown.

Jan. 24, 1873. Vol. 17, p. 717.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to the Secretary of the Treasury is hereby directed to pay brown. Margaret Fillebrown, the widow of the late Henry C. Fillebrown, who lost his life by being drowned in the Coosa river, in the State of Alabama, while engaged in the service of the United States as an engineer, the salary the said Henry C. Fillebrown would have been entitled to have received, from the day of his death, viz.: August eleventh, eighteen hundred and seventy-one, to the end of the fiscal year in which his death occurred, had he remained in said service, being at the rate of two hundred dollars per month.

Approved, January 24, 1873.

CHAP. 233.—An Act Making appropriations for the repair, pres- Mar. 3, 1873. ervation, and completion of certain public works on rivers and harbors, Vol. 17, p. 560. and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Appropriations the following sums of money be, and are hereby, appro- of public works priated, to be paid out of any money in the treasury not on rivers and in the treasure. otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

For the purpose of dredging out the bay of Superior Superior and Duluth. from the natural entrance to the docks of Superior and Du Luth and preserving both entrances from the lake thereto, one hundred thousand dollars.

For the improvement of Marquette harbor, Michigan,

Marquette.

fifteen thousand dollars.

For the improvement of Menomonee harbor, Michigan Menominee. and Wisconsin, twenty-five thousand dollars.

Two Rivers

Racine

Green Bay. For the improvement of Green Bay harbor, Wisconsin, twenty thousand dollars.

For the improvement of Two Rivers harbor, Wisconsin.

twenty-five thousand dollars. Manitowaa For the improvement of Manitowoo harbor, Wisconsin.

twenty thousand dollars. Shebovgan.

For the improvement of Shebovgan harbor, Wisconsin. ten thousand dollars.

Port Washing-For the improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Milwankee. For the improvement of Milwaukee harbor, Wisconsin.

ten thousand dollars. For the improvement of Racine harbor, Wisconsin.

twenty thousand dollars.

Chicago. For the improvement of Chicago harbor, Illinois, ninety thousand dollars.

Calumet. For the improvement of Calumet harbor, Illinois, forty thousand dollars.

Michigan City. For the improvement of Michigan City harbor, Indiana, fifty thousand dollars.

Fox and Wis-For the improvement of the Fox and Wisconsin rivers. consin rivers. three hundred thousand dollars.

Manistee. For the improvement of Manistee harbor, Michigan. ten thousand dollars.

Ludington. For the improvement of Ludington harbor, Michigan, twenty-five thousand dollars.

Washington For the improvement of the harbors of Washington and and Georgetown. District of Columbia, fifty thousand dollars. For the improvement of Great Kanawha river, West Kanawha Riv-Virginia, twenty-five thousand dollars.

White River For the improvement of White river harbor, Michigan, (Lake). seven thousand dollars.

Frank fort For the improvement of Frankfort harbor, Michigan, ten thousand dollars.

Grand Haven. For the improvement of Grand Haven harbor, Michigan,

seventy-five thousand dollars.

Black Lake (Holland). For the improvement of Black Lake harbor, Michigan, twelve thousand dollars.

Saugatuck. For the improvement of Saugatuck harbor, Michigan, ten thousand dollars.

South Haven. For the improvement of South Haven harbor, Michigan, twenty thousand dollars.

Monroe For the improvement of Monroe harbor, Michigan, fifteen thousand dollars.

Cheboygan. For the improvement of Cheboygan harbor, Michigan, fifteen thousand dollars.

St. Marys Falls For the improvement of Saint Mary's Falls canal, two. hundred thousand dollars.

For the improvement of Saint Clair river, at the mouth St. Clair River. of Black river, fifteen thousand dollars.

Sandbeach For the improvement of harbor of Refuge, on Lake (Harbor Beach). Huron, seventy-five thousand dollars.

For the improvement of Pentwater harbor, Michigan, Pentwater. twenty thousand dollars.

For the improvement of Saint Clair Flats canal, one St. Clair Flats hundred thousand dollars.

For the improvement of Toledo harbor, Ohio, one hun- Toledo.

dred thousand dollars.

For the improvement of Sandusky City harbor, Ohio, Sandusky. twenty-five thousand dollars.

For the improvement of Vermillion harbor, Ohio, vermillion,

twelve thousand dollars.

For the improvement of Black River harbor, Ohio, Black River (Lorain). twenty thousand dollars.

For the improvement of Cleaveland harbor, Ohio, one Cleveland.

thousand dollars.

For the improvement of Ashtabula harbor, Ohio, sixteen Ashtabula.

For the improvement of Conneaut harbor, Ohio, four conneaut. hundred dollars.

For the improvement of Dunkirk harbor, New York. forty thousand dollars.

For the improvement of Buffalo harbor, New York,

seventy-five thousand dollars.

For the improvement of Olcott harbor, New York, ten Olcott.

thousand dollars.

For the improvement of Oak Orchard harbor, New Oak Orchard. York, ten thousand dollars.

For the improvement of Pultneyville harbor, New York, Pultneyville.

ten thousand dollars.

For the improvement of Little Sodus harbor, New York, Little Sodus. fifteen thousand dollars.

For the improvement of Oswego harbor, New York, Oswego.

one hundred thousand dollars.

For the improvement of Waddington harbor, New Waddington. York, ten thousand dollars.

For the improvement of Ogdensburgh harbor, New Ogdensburg,

York, six thousand dollars. For the improvement of Plattsburgh harbor, New York, Plattsburg.

ten thousand dollars.

For the improvement of Swanton harbor, Vermont, swanton. fifteen thousand dollars.

For the removal of a sand-bar in the harbor at the mouth Mouth of Black of Black river, New York, five thousand dollars, or so much thereof as may be necessary.

For the improvement of Peconic river, Long Island, Peconic River.

New York, ten thousand dollars.

For the improvement of Burlington harbor, Vermont, Burlington.

twenty-five thousand dollars.

For the preservation of the falls of Saint Anthony, Falls of St. An-Minnesota, and the navigation of the Mississippi river sissippi River. above the same, fifty thousand dollars.

For the improvement of the Minnesota river, Minnesota, Minnesota ten thousand dollars: Provided, That one half of said sum Proviso. shall be expended between the mouth of the Yellow Medi-

cine and Minnesota falls on said river.

For construction of the lock and dam on the Mississippi Lock and dam river, at Meeker's Island, Minnesota, according to the land.

surveys and plans of the War Department, twenty-five Rights of Min-thousand dollars: Provided, That all rights and claims in resinquished. and to the land-grant made to the State of Minnesota for 1868, c. 228. the above work, by act approved July twenty-third, eighteen hundred and sixty-eight, shall be fully relinquished to the United States before any of this appropriation is expended.

Upper Missis-For the improvement of the Upper Mississippi river. sippi River.

twenty-five thousand dollars.

For the improvement of the Illinois river, one hundred Illinois River. thousand dollars.

Des Moines

For the improvement of the Des Moines rapids, Missis-Rapids. sippi river, four hundred thousand dollars. Rook

Island For the improvement of the Rock Island rapids, Miss-Rapids.

issippi river, fifty thousand dollars.

Harbor of ref-For the improvement of the harbor of Refuge at the Sturgeon uge, Stu Bay Canal. entrance of the Sturgeon Bay canal, forty thousand dollars.

Mississippi, For the improvement of the Mississippi, Missouri, and Missouri,

Arkansas rivers. Arkansas rivers, one hundred thousand dollars.

Yazoo River. For improvement of Yazoo river, forty thousand dollars. Tombig bee The ten thousand dollars appropriated at the second River. session of the Forty-second Congress for the improvement 1872, c. 416. of the Tombigbee river shall be expended in the State of Mississippi.

Osage River. For the improvement of the Osage river, Missouri,

twenty-five thousand dollars.

White and St. For the improvement of the White and Saint Francis Francis rivers. rivers, fifty thousand dollars.

For the improvement of the Ouachita river, in Louisiana. Ouachita River.

sixty thousand dollars.

For the improvement of the Mississippi river between Mississippi River. the mouth of the Missouri river and the mouth of the Ohio

river, two hundred thousand dollars.

For the improvement of the Ohio river, two hundred ohio River. For the improve Godfrey Weit-thousand dollars. And that Godfrey Weitzell of the corps pay legal, etc., of engineers, United States army, in charge of the Louisville and Portland canal, is hereby empowered and directed, Dennis. subject to the approval of the chief of engineers of said corps, to adjust and pay, out of any money appropriated for the improvement of said canal, to J. C. Dennis any legal or equitable claims he may have against the United States arising out of work done by him under Hugh McGliney and Company's contract to perform work on said canal, in the years eighteen hundred and seventy-one and Further sums eighteen hundred and seventy-two; and said Godfrey

as assignee. Weitzell is further authorized and directed to pay to said J. C. Dennis, in addition to the amount above provided for, such other sums as said Weitzell shall find that said Dennis is legally or equitably entitled to as assignee of Hugh McGlincy and Company for work done by said

Amount not to Dennis on said improvement: Provided, That such sums exceed what the shall not exceed the amount due and owing by the govowes under con-ernment of the United States for work done under said tract with Hugh McGlincy and Company, and that the sums thus received of Weitzell shall be in full of the claim of said McGlincy and Company under their contract, and in full of the claim of said Dennis as the assignee of said

For completing the Louisville and Portland canal, one Portland Canal, hundred thousand dollars: and the Secretary of the Treas-United States to ury is authorized and directed to assume, on behalf of the etc. assume control. United States, the control and management of the said canal in conformity with the terms of the joint resolution of the legislature of the State of Kentucky, approved March twenty-eight, eighteen hundred and seventy-two, at such time and in such manner as in his judgment the interests of the United States, and the commerce thereof, may require; and the sum of money necessary to enable the Secretary of the Treasury to carry this provision into effect is hereby appropriated: Provided, That after the United States shall assume control of said canal, the tolls thereon duced. on vessels propelled by steam shall be reduced to twentyfive cents per ton, and on all other vessels in proportion  $[\tilde{a}]$ .

Appropriation,

Tolls to be re-

For the improvement of the Upper Monongahela river, Upper Monongahela river, gahela River. near Morgantown, West Virginia, sixty-six thousand

dollars.

For the improvement of the Cumberland river below Cumberland Nashville, Tennessee, twenty-five thousand dollars.

For the improvement of the Wabash river, Indiana and Wabash River.

Illinois, fifty thousand dollars.

Tennessee Riv-

For the improvement of the Tennessee river below Chater. tanooga, including the Muscle shoals, one hundred thousand dollars.

For the improvement of the Tennessee river, above Chattanooga, twenty-five thousand dollars.

For the improvement of the mouth of the Mississippi Mouth of Mississippi River. river, one hundred and twenty-five thousand dollars.

For removing the raft in Red river, Louisiana, eighty Removing raft over and dellars.

thousand dollars.

For the improvement of Cypress bayou, and construction Cypress Bayou of dams, and dredging at the foot of Soda lake, Texas, fifty thousand dollars.

For the improvement of Mobile harbor and bay, Alabama, Mobile Harbor and Bay,

one hundred thousand dollars.

For completing work now in progress in improving Charleston harbor, South Carolina, five thousand dollars.

For the improvement of Savannah harbor and river, Savannah He Georgia, fifty thousand dollars.

For the improvement of Saint John's river, Florida, ten

thousand dollars.

For the improvement of the entrance to the harbor of Baltimore, in Patapsco river and Chesapeake bay, two hundred thousand dollars.

Charleston.

Savannah Har-

St.JohnsRiver.

Baltimore.

a The amount expended in carrying into effect the provisions of this paragraph and of those of the act approved May 11, 1874, on the same subject, was \$1,675,354.31, exclusive of the expenditure of the whole of the specific appropriation of \$100,000, provided in the above paragraph for completing the canal.

Wicomico Riv- For the improvement of the Wicomico river [a], Mary-land, five thousand dollars.

Cambridge. For the improvement of Cambridge harbor, Maryland, five thousand dollars.

Chester River. For the improvement of Chester river at Kent Island narrows, Maryland, fifteen thousand dollars.

Aquia Creek. For the improvement of Aquia creek, Virginia, two thousand dollars.

Occoquan Riv- For the improvement of the mouth of Occoquan river, Virginia, five thousand dollars.

Nomini Creek. For the improvement of the mouth of Nomoni creek, Virginia, ten thousand dollars.

Rappahan For the improvement of the Rappahannock river below Fredericksburgh, Virginia, fifteen thousand dollars.

James River. For the improvement of the James river, Virginia, seventy-five thousand dollars.

Elizabeth Riv- For the improvement of the south branch of Elizabeth river, Virginia, fifteen thousand dollars.

Appomattox For the improvement of the Appomattox river below Petersburgh, Virginia, thirty thousand dollars.

Nansemond For the improvement of Nansemond river, Virginia, fifteen thousand dollars.

Roanoke River. For the improvement of Roanoke river, below Weldon, North Carolina, ten thousand dollars.

For the improvement of Cape Fear river below Wilmington, North Carolina, one hundred thousand dollars.

Wilmington, For the improvement of Wilmington harbor, Delaware

Wilmington, For the improvement of Wilmington harbor, Delaware, six thousand dollars.

Delaware Riv. For the improvement of the channel of the Delaware

Polaware Riv- For the improvement of the channel of the Delaware river, at Fort Mifflin bar, fifty thousand dollars.

Work not to be commenced until, etc.

1875, c. 134.

For the improvement of the channel of the Delaware river at and near the Horse-Shoe shoals, fifty thousand dollars; the work not to be commenced until an examination and survey has been made by a board of engineers of the United States army, appointed by the Secretary of War, and a favorable report upon the feasibility and expense of the plan adopted for the prevention and removal of the obstructions.

For the improvement of the channel of the Schuylkill river, Pennsylvania, forty thousand dollars, of which amount a portion shall be used for commencing the removal of the rocks at and near South street wharf.

Broadkill Riv- For the improvement of Broadkiln river, Delaware, ten thousand dollars.

Ice harbor at For building an additional pier for the ice-harbor at New Castle, Delaware, twenty thousand dollars.

South River. For the improvement of South river, New Jersey, five thousand dollars.

Shrewsbury For the improvement of the North and South branches of Shrewsbury river, New Jersey, five thousand dollars.

Delaware Riv
For the improvement of Delaware river between Trenton

For the improvement of Delaware river between Trenton and Bordentown, New Jersey, fifteen thousand dollars.

For the improvement of Hudson river, New York, forty Hudson River. thousand dollars.

For removing obstructions in East river, New York, in- East River and cluding Hell Gate, two hundred and twenty-five thousand dollars.

For the improvement of Passaic river, New Jersey, Passaic River. twenty-five thousand dollars.

For the improvement of East Chester creek, New York, East Chester

twenty-five thousand dollars.

For the improvement of Rondout harbor, Hudson river, Rondout.

New York, twenty thousand dollars.

For the improvement of Pawtucket river, Rhode Island, Pawtucket ten thousand dollars.

For the improvement of Providence river, Rhode Island, Providence on thousand dollars

ten thousand dollars.

For dredging at the entrance of Newport harbor, Rhode Newport. Island, and for a jettee on the south end of Goat island, eight thousand five hundred dollars.

For the improvement of Cohansey creek, New Jersey, Cohansey

ten thousand dollars.

For the improvement of harbor at Block island, Rhode Block island. Island, fifty thousand dollars.

For the improvement of Wickford harbor, Rhode Island, Wickford.

five thousand dollars.

For the improvement of Pawcatuck river, Rhode Island Pawcatuck and Connecticut, ten thousand dollars.

For the improvement of Connecticut river, below Hart-River

ford, Connecticut, twenty thousand dollars.

For the improvement of Connecticut river above Hartford, and below Enfield falls, twenty thousand dollars.

For the improvement of New Haven harbor, Connecticut, New Haven.

twenty-five thousand dollars.

For the improvement of Housatonic river, Connecticut, Housatonic ten thousand dollars.

For the improvement of Bridgeport harbor, Connecticut, Bridgeport.

thirty thousand dollars.

For the improvement of Norwalk harbor, Connecticut, Norwalk.

ten thousand dollars.

For the improvement of Stonington harbor, Connecticut, Stonington. by deepening and dredging the same and its approaches,

by deepening and dredging the same and its approaches, twenty-five thousand dollars.

For the improvement of Saint Croix river above the St. Croix River.

"ledge," Maine, ten thousand dollars.

For the improvement of Machias river, Maine, twelve Machias River. thousand dollars.

For the improvement of Camden harbor, Maine, ten Camden.

thousand dollars.

For the improvement of Penobscot river, Maine, twenty Penobscot thousand dollars.

For the improvement of Kennebec river, Maine, twelve Kennebec

thousand dollars.

For the improvement of Portland harbor, Maine, fifty Portland.

thousand dollars.

Richmond Is- For the improvement of Richmond island, Maine, sixty thousand dollars.

Cocheco River. For the improvement of Cocheco river, New Hampshire, ten thousand dollars.

Merrimae For the improvement of Merrimae river, Massachusetts, twenty-five thousand dollars.

Boston Harbor, and Deer and Lovell's islands, one hundred and fifty thousand dollars.

Duxbury. For the improvement of the South channel at entrance of Duxbury harbor, Massachusetts, ten thousand dollars.

Plymouth. For the improvement of Plymouth harbor, Massachusetts, three thousand dollars.

setts, three thousand dollars.

Provincetown. For the improvement of Provincetown harbor, Massachusetts, six thousand dollars.

Hyannis. For the improvement of Hyannis harbor, Massachusetts, ten thousand dollars.

wareham. For the improvement of Wareham harbor, Massachusetts, ten thousand dollars.

Taunton River. For the improvement of Taunton river, Massachusetts, ten thousand dollars.

Salem. For removing sand-bar forming at the entrance of Salem harbor, Massachusetts, fifteen thousand dollars.

Lower Willamette and Columbia rivers. For the improvement of the Lower Willamette and Columbia rivers, from Portland, Oregon, to the sea, twenty thousand dollars.

Upper Willamette river, Oregon, three thousand dollars.

Breakwater at For the improvement of breakwater at Wilmington, Calwilmington, California, one hundred and fifty thousand dollars.

Surveys, examinations, etc. For surveys and examinations, and contingencies of rivers and harbors, one hundred and twenty-five thousand dollars.

Examinations or SEC. 2. That the Secretary of War is hereby directed both, to be made to cause examinations or surveys, or both, to be made at atvarious points, the following points, namely:

At the outlet of point Judith lake, Rhode Island;

At Crow shoals, Delaware bay, near Cape May light, New Jersey, for an artificial harbor or breakwater;

Harlem river, near the East river, New York, for removal of rocks therefrom;

Of the piers and connecting bridges at Chester, Pennsylvania;

The Penobscot river, from Oldtown to Medway and vicinity, Maine;

The Galena river, from its mouth to upper bridge in city of Galena, Illinois;

etty of Galena, Illinois; The harbor at Fall River, Massachusetts, for removal of

rocks therefrom;

At Wood's hole, in Buzzard's bay, Massachusetts, for removal of rocks therefrom;

Old House channel to main channel of Pamlico sound, North Carolina; The harbor of Washington, North Carolina;

At bayou Lafourche, Louisiana, from Lafourche crossing to the mouth:

From mouth of Red River down Atchafalava river to Brashear in Louisiana:

At the entrance of Matagorda bay and the channel to Indianola, Texas:

Pine river, Saint Clair county, Michigan;

Monistique [Manistique] harbor, Lake Michigan;

Sebawing [Sebewaing] river, Michigan:

Yamhill river, Oregon;

The mouth of the Coquille river, Oregon: Red river, from Morehead to Pembina:

At the mouth of Kewaunee river, Wisconsin:

At Elk river, Maryland, below Elkton;

At Raritan river, New Jersey, below New Brunswick, including the shoals called the Middle Ground:

The Youghiougheny river, Pennsylvania;

Aroostook river, Maine, for improvement of the channel; At San Antonio creek, San Francisco bay, California;

Santa Cruz, California;

Estero bay[a], near Santa Barbara, California.

And not to exceed five thousand dollars of the above ap- Extension of propriation may be expended in an exploration of routes for Ohio Canal. the extension of the Chesapeake and Ohio canal to the Ohio

river, by the north and south branches of the Potomac river.

For connecting the inland waters along the margin of the Connecting in-Gulf of Mexico, from Donaldsonville, in Louisiana, to the along Gulf of Rio Grande river, in Texas, by cuts and canals, not to exceed Mexico from, twenty thousand dollars of the amount herein appropriated for surveys of rivers and harbors;

At Great Pee Dee River, from Pine Bluff to Cheraw.

South Carolina:

At Ashley river, South Carolina;

At Cleveland, Ohio, for the construction of a harbor of refuge;

At Forked Deer river, below Dyersburg, Tennessee; At harbor at Wilson, on Lake Ontario, New York;

At East Pascagoula harbor, Mississippi sound;

At Portsmouth harbor, New Hampshire, for breakwater

between Gerrish's island and Wood island; In Ipswich bay, Massachusetts, at Hodgkins' cove, to ascertain the practicability of a harbor of refuge by building

a breakwater there.

Sec. 3. That the Secretary of War is hereby authorized port upon pracand required to detail from the engineer corps, one or more ticability of engineers, whose duty it shall be to inquire into and report net between upon the practicability of bridging, consistently with the lakes Huron and interests of previous the channel between Lake Huron. interests of navigation, the channel between Lake Huron and Lake Erie, at such points as may be needful for the passing of railroad trains across said channel, and also its

a Known also as El Estero.

Amount of nav effect upon the navigation of the same; and further, to intention in channel; extent of quire into the number and character of the vessels navigating said channel, and the number of trips made by each, and, if said bridging be practicable, to report what extent of span or spans and elevation above the water will be required in the construction of such bridge or bridges, so as not seriously to injure the navigation of said channel.

Appropriation for pierat Lewes. Del., extended.

Sec. 4. That the appropriation for building the pier at Lewes, Delaware, contained in the act approved July fif-1870, c. 292, § 12; teenth, eighteen hundred and seventy, an act entitled "An 1872, c. 172, § 4. act making appropriations for sundry civil expenses of the act making appropriations for sundry civil expenses of the Government for the year ending June thirtieth, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, extended until June thirtieth, eighteen hundred and seventy-four.

Approved, March 3, 1873.

Mar. 3, 1873.

CHAP. 278.—An Act For the protection of owners of saw-mills on Vol. 17, p. 606. the Mississippi River.

R. S., 5254.

Amended 1882, c. 112.

Post, p. 357.

Be it enacted by the Senate and House of Representatives Owners of saw of the United States of America in Congress assembled, That mills on Mississippi River may the owners of saw-mills on the Mississippi River [a] be, and build cribs to they hereby are, authorized and empowered, under the rafts.

Amended 1882 piers or cribs in front of their mill property on the banks of said river, for the protection of their mills and rafts against damage by floods and ice: Provided however. That the piers or cribs so constructed shall not interfere with or obstruct the navigation of said river: Provided further,

Navigation not That in case by reason of the shifting of the channel of the said river, or from any other cause, the piers or cribs, the construction of which are authorized by this act shall be found to obstruct the navigation of said river at any time, the government expressly reserves the right to remove, or Righttoremove direct the removal of any such piers or cribs at the cost and expense of the owners thereof.

cribs reserved.

Approved, March 3, 1873.

Mar. 3, 1873. Vol. 17, p. 627. CHAP. 323.—An Act Extending the time for the completion of the Portage Lake and Lake Superior Ship Canal.

Be it enacted by the Senate and House of Representatives Time for come of the United States of America in Congress assembled, That Lake and Lake the time for the completion of the Portage Lake and Lake Superior Ship Superior ship canal be and the same is hereby extended to 1865, c. 102; 1866, the first day of December, anno Domini eighteen hundred 16; 1871, res. 47, and seventy-three.

Approved, March 3, 1873.

a Amended by act approved May 1, 1882, to include St. Croix River, Wisconsin and Minnesota.

CHAP. 335.—An Act For the relief of Horace Tyler.

Mar. 3, 1873. Vol. 17, p. 740.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Payment to the Secretary of the Treasury, out of any money in the work at Southtreasury not otherwise appropriated, do pay to Horace west Pass, Mistreasury not otherwise appropriated, do pay to Horace sissippi River. Tyler, of New Orleans, of the State of Louisiana, the sum of thirty-four thousand nine hundred and eighty-eight dollars and fifty-three cents, in full satisfaction for all work done by him or by his authority on the bar at the mouth of the southwest pass of the mouth of the Mississippi river. and for all claims under and by virtue of a contract entered into between him and Brevet Lieutenant-Colonel M. D. McAlester, of the date of fifth November, eighteen hundred and sixty-six.

Approved, March 3, 1873.

CHAP. 371.—An Act For the relief of Orville J. Jennings.

Mar. 3, 1873. Vol. 17, p. 772.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That Payment to the Secretary of the Treasury be, and he is hereby, author-nings for work in ized and directed to pay to Orville J. Jennings, of Fulton, N.Y. New York, out of any money in the treasury not otherwise appropriated, the sum of eight thousand one hundred and thirty-two dollars and ninety-five cents, in full for work performed in removing what was known as the "debris of the old outer breakwater," in the harbor of Dunkirk, New York, under a contract with Captain F. Harwood, of the engineer corps, United States Army, dated the thirtieth day of December, eighteen hundred and sixty-eight.

Approved, March 3, 1873.

CHAP. 39.—An Act To dredge and protect the navigable channel Feb. 25, 1874. at the mouth of Buffalo River against the sand-bar formed by the gale Vol. 18, pt.3, p.18. of December, eighteen hundred and seventy-three.

Be it enacted by the Senate and House of Representativés of the United States of America in Congress assembled, That Appropriation there is hereby appropriated, out of any moneys in the Buffalo Harbor, Treasury not otherwise appropriated, the sum of twenty N. Y. thousand dollars, to be expended by the Secretary of War for the purpose of dredging and protecting the navigable channel at the mouth of Buffalo River, and of removing the sand-bar formed by the great gale of December last at that point, said sum to be available upon the passage of this act.

Approved February 25, 1874.

Feb. 27, 1874. Vol.18, pt.3, p.532. CHAP. 41.—An Act For the relief of Henry S. Welles.

Be it enacted by the Senate and House of Representatives Payment to H. of the United States of America, in Congress assembled, That S. Welles for expenditures made the Secretary of the Treasury be, and he is hereby, auunder contract thorized and directed to pay Henry S. Welles one hunfor improving Har-dred and ninety-three thousand one hundred and thirtytwo dollars and ninety-six cents [a], out of any moneys in the Treasury not otherwise appropriated, for expenditures made by him under his contracts of May first and July fifth. eighteen hundred and sixty-six, for removing obstructions from the Savannah river, and improving the harbor, prior to the date of the annulment of said contracts by the Secretary of the Treasury, which said sum shall be in full satisfaction to said Welles for all claims referred to in the report and recommendation from the Secretary of War.

Approved, February 27, 1874.

Apr. 3, 1874. Vol.18, pt.3, p.26. CHAP. 75.—An Act To improve the mouth of the Mississippi River.

sissippi River.

Be it enacted by the Senate and House of Representatives Appropriation of the United States of America in Congress assembled, That there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of thirty thousand dollars, to be expended by the Secretary of War at the mouth of the Mississippi River; said sum to be available from and after the passage of this act.

Approved, April 3, 1874.

May 11, 1874. CHAP. 165.—An Act Providing for the payment of the bonds of Vol. 18, pt. 3, p. 43. the Louisville and Portland Canal Company.

Be it enacted by the Senate and House of Representatives Payment of Louis of the United States of America in Congress assembled, That ville and Port the appropriations made by the act approved March third, land canal Come eighteen hundred and seventy-three, entitled "An act 1878, c. 238. making appropriations for the repair preservation and making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes," for the payment of the debts of the Louisville and Portland Canal Company, are hereby continued in full force, and are made permanently applicable to the payment of the debts of the said Louisville and Portland Canal Company; and so much as may be necessary shall be applied to the payment of the interest as it accrues, and the principal of the outstanding bonds of the said company as they mature: Provided, however, That Purchase of the Secretary of the Treasury may purchase and pay for bonds. any of said bonds, at the market price, not above par,

a The records of this office credit this entire appropriation to Savannah Harbor.

whenever he deems it for the interest of the United States[a].

SEC. 2. That after thirty days from the passage of this War to take posact the Secretary of War is hereby authorized and directed session. to take possession of the said Louisville and Portland Canal, and all the property, real and personal, of said company, as the property of the United States, as provided for by the act of the general assembly of the State of Kentucky, approved February twenty-second, eighteen hundred and forty-four. entitled "An act to amend an act entitled 'An act to amend the charter of the Louisville and Portland Canal Company, approved January twenty-first, eighteen hundred and forty-two," conceding jurisdiction over said canal to the United States, subject however, to the mortgage-lien on said property in favor of the trustees under said mortgage and the holders of the bonds issued under it: and the Secretary of the Treasury is hereby authorized to pay the directors of said company for the stock held by certain stock, them, which payment shall be made forthwith by the Secretary of the Treasury, being the sum of one hundred dollars to each director, with interest thereon at six per centum per annum since the ninth day of February, eighteen hundred and sixty-four; and he is authorized and directed to cause a careful and full examination of all the Examination of receipts and disbursements of the said company to be accounts. made, and to collect, and, if necessary, to sue for, any money due to or held for the said company by the directors pany to be colof said company, or the trustees under said mortgage, or lected. by any person whatever. And said Secretary of the Treasury is hereby directed and empowered, immediately pany to be pre-upon the passage of this act to give public notice in such sented to Secretary of Treasury manner as, in his judgment, will best effect the purpose, on or before July to all persons and corporations having debts of any nature. 1, 1875. to all persons and corporations having debts of any nature against said Louisville and Portland Canal Company, except the bonded debt thereof, to present them to him on or before the first day of July, eighteen hundred and seventyfive; and any such debt not presented on or before said day shall be forever barred. And said Secretary is hereby directed and authorized to examine, audit, and, in his dis-Debts to be excretion, allow such debts, or any of them, being hereby and allowed. vested with any power necessary to that end; and he shall embrace his action in the premises in his succeeding annual Report to Conreport: Provided, however, That no sum of money shall be Nopayment for report: Provided, however, That no sum of money shall be Nop paid by the Secretary of the Treasury on account of any claim for either city or State taxes assessed, or to be hereafter assessed, against said company, or against the said canal property, or any of its appendages.

a The amount expended in carrying into effect the provisions of this act and of those of the act approved March 3, 1873, on the same subject was \$1,675,354.31, exclusive of the expenditure of the whole of the specific appropriation of \$100,000 provided by the last-named law for completing the canal.

Use of canal to be free, except.

SEC. 3. That the said canal and property appertaining thereto shall be held for the common use and benefit of the people of the United States, free of all tolls and charges except such as are necessary to pay the current expenses of said canal, and to keep the same in repair; and for the

ent vear.

Tolls for pres- present year they shall be at the rate of ten cents per ton capacity on vessels propelled by steam and five cents per ton on other vessels; and to ascertain what rates will pay

Future tolls

current expenses after the present year, the Secretary of War shall, on the first Monday of January of each year, ascertain from the expenses of the previous year what tolls will probably pay the expenses of the current year; and he shall fix and declare the rate of tolls thus ascertained to be charged for the current year; and, until otherwise provided by law, the Secretary of War shall provide for the super-

Superintend ence, etc.

oress.

intendence, management, and repair of said canal, and may apply the tolls so received, as far as may be necessary, to pay the current expenses of said canal; and he shall, in his Report to Connext annual report, set forth such receipts and expenditures and the condition of said canal with a view to such legislation as may be necessary for the superintendence and man-

expenditure.

Restriction on agement thereof; but no expenditure nor contract for expenditure of money shall be made under the authority of this section in any one year to an amount greater than the amount which may be received during such year from tolls on said canal.

party.

Trustees of Sec. 4. That if at any time it becomes necessary to enforce may commence the lien of the mortgage upon said canal-property for the proceedings mak benefit of the bondholders, it shall be lawful for the trustees named in said mortgage, or any other trustees who may be appointed in pursuance of the laws of Kentucky, to commence proceedings therein in any court having jurisdiction thereof, with notice to the United States as terre tenant pro forma, and serve process upon any officer of the United States who shall have the superintendence of said canal. whose duty it shall be to notify the Attorney-General of the United States of such service; whereupon said Attorney-General shall enter an appearance in said case, and take all necessary steps to represent and defend the interests of the United States in such proceedings, so that the same may be conducted in the same manner and with the like effect as if the said Louisville and Portland Canal Company were still in existence as a corporation.

Approved, May 11, 1874.

June 1, 1874. CHAP. 201.—An Act To facilitate the execution of, and to protect Vol. 18, pt. 3, p. 50. certain public works of improvement at the mouth of the Mississippi River.

Be it enacted by the Senate and House of Representatives War to assume of the United States of America in Congress assembled, That control of chan from and after the passage of this act the Secretary of War nel at mouth of is directed to assume full control over the particular chan-Mississippi. nel at the mouth of the Mississippi River in course of excavation or improvement by the Government of the United States, so far as may be necessary to the carrying on and protection of such excavation and improvement, and until the same be completed, and he may establish such regulations respecting the use of, or passage through, such chan regulations. nel as he shall deem needful to fully protect the channel and to facilitate the excavation, improvement and use Such regulations shall be promulgated by publication thereof for ten days consecutively in two daily papers published in New Orleans, Louisiana, and the same may in like manner be changed from time to time; and any person interfering with, or obstructing, or attempting to obstruct the said improvements, and any person who terference, shall willfully or negligently strand or sink any boat or craft in said channel, or who shall willfully, or negligently obstruct said channel, or cause any impairment injury, filling up, or shoaling therein, shall be guilty of a misdemeanor, and, on conviction thereof, shall be punished by a fine not exceeding, five hundred dollars, or imprisonment for not more than six months, or both, in the discretion of the court.

Promulgation.

Penalty for in-

Approved, June 1, 1874.

CHAP. 328.—An Act Making appropriations for the legislative, June 20,1874. executive, and judicial expenses of the Government for the year end- vol.18, pt. 3,p. 85. ing June thirtieth, eighteen hundred and seventy-five, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Sec. 5. That from and after the first day of July, eight-Unexpended een hundred and seventy-four, and of each year there-balances of appropriations reafter, the Secretary of the Treasury shall cause all maining for two unexpended balances of appropriations which shall have ered into Treasury shall have er remained upon the books of the Treasury for two fiscal years to be carried to the surplus fund and covered into the Treasury: Provided, That this provision shall not appropriations apply to permanent specific appropriations, appropriations excepted. for rivers and harbors, \* \* \* but the appropriations available until named in this proviso shall continue available until other-otherwise order And provided fur- ed by Congress, wise ordered by Congress, \* \* \* ther, That this section shall not operate to prevent the Existing confulfillment of contracts existing at the date of the passage ed. of this act; and the Secretary of the Treasury shall, at Secretary of the beginning of each session, report to Congress, with port balances, his annual estimates, any balances of appropriations for congress. specific objects affected by this section that may need to be re-appropriated.

Approved, June 20, 1874.

H. Doc. 425, 58-3---15

June 22, 1874. CHAP. 411.—An Act To provide for the appointment of a Com-Vol.18, pt.3, p.199. mission of Engineers to investigate and report a permanent plan for the reclamation of the alluvial basin of the Mississippi River subject to inundation.

Be it enacted by the Senate and House of Representatives Commission of of the United States of America in Congress assembled. That Engineers to ex-smine alluvial the President be, and he is hereby, authorized and di-basin of Missis-rected to assign three officers of the Corps of Engineers, United States Army, and to appoint two civil engineers eminent in their profession and who are acquainted with the alluvial basin of the Mississippi River, to serve as a board of commissioners; the president of said board to be Designation of designated by the President of the United States.

presidentof Com-

mission.

be the duty of said commission to make a full report to Duty of Com the President of the best system for the permanent reclamation and redemption of said alluvial basin from inunda-

Report to Con-tion, which report the President shall transmit to Congress at its next session with such recommendations as he shall think proper.

Compensati o n civil life.

Sec. 2. That the members of the commission who may of members appointed from civil life shall receive compensation at the rate of five thousand dollars per annum.

Secretary

sion may employ a secretary at a rate of compensation not exceeding two hundred dollars per month for the time he is Traveling ex-employed, and the necessary traveling expenses of the mem-

penses, how paid. bers of said commission not officers of the Army, and of the secretary, shall be paid upon the approval of bills for the same by the Secretary of War.

Appropriation. how to be disbursed.

SEC. 3. That the sum of twenty-five thousand dollars, or so much thereof as may be necessary to carry into effect the foregoing provisions is hereby appropriated, and shall be subject to disbursement by the Secretary of War in accordance with the provisions of this act.

Approved, June 22, 1874.

June 23, 1874. CHAP. 455.—An Act Making appropriations for sundry civil Vol.18, pt.3, p.204, expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-five, and for other purposes.

Be it enacted by the Senate and House of Representatives Sundry civil of the United States of America in Congress assembled, That ending June 30, the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventyfive, namely:

For a resurvey of the Au Sable River, Michigan, and Resurvey of Au Sable River. establishing dock-lines, not exceeding one thousand dollars, to be paid for from unexpended balance of appropriation heretofore made for the improvement of said river.

Approved, June 23, 1874,

CHAP. 457.—An Act Making appropriations for the repair, preser- June 23, 1874. vation, and completion of certain public works on rivers and harbors, Vol.18, pt. 3, p. 237. and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

For continuing the improvement of the entrance to the Duluth.

inner harbor of Du Luth, ten thousand dollars.

For continuing the improvement of the harbor at Onto-

nagon, twenty-three thousand dollars.

For continuing the improvement of the harbor at Mar-

quette, fifteen thousand dollars.

For continuing the improvement of the Fox and Wiscon-Fox and vicers. sin Rivers, three hundred thousand dollars. Not exceeding twenty-five thousand dollars of the above may be used for the purchase of such real estate as may be required for the right of way, or for flowing, in the completion of the Fox and Wisconsin improvement.

For continuing the improvement of the harbor at Green Green Bay.

Bay, Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Menom-

onee, Michigan and Wisconsin, twenty-five thousand dollars.

For continuing the improvement of the habor of refuge Canal. at the entrance of the Sturgeon Bay canal, ten thousand dollars.

For continuing the improvement of the harbor at Two Two Rivers. Rivers, Wisconsin, fifteen thousand dollars.

For continuing the improvement of the harbor at Manitowoc, Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Sheboy- Sheboygan.

gan, Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Port Port Washing-Washington, Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Racine,

Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Kenosha, Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor at Chicago,

seventy-five thousand dollars.

For continuing the improvement of the harbor of Calu-

met, Illinois, twenty-five thousand dollars.

For continuing the improvement of the harbor at Michi-

gan City, Indiana, fifty thousand dollars.

For continuing the improvement of the harbor at Frank-

fort, Michigan, ten thousand dollars.

For continuing the improvement of the harbor at Manis-

tee, Michigan, ten thousand dollars.

For continuing the improvement of the harbor at Ludington, Michigan, twenty thousand dollars.

Ontonagon.

Marquette.

Fox and Wis-

Part, how used.

Menominee.

Kenosha.

Chicago.

Calumet.

Michigan City.

Frankfort.

Manistee.

Ludington.

For continuing the improvement of the harbor at White (Lake). River, Michigan, ten thousand dollars. Muskegon.

For continuing the improvement of the harbor at Muske-

gon, Michigan, ten thousand dollars.

For continuing the improvement of the harbor at Grand Grand Haven. Haven, Michigan, fifty thousand dollars.

Black Lake For continuing the improvement of the harbor at Black (Holland).

Lake, Michigan, fifteen thousand dollars. Saugatuck. For continuing the improvement of the harbor at Sauga-

tuck, Michigan, ten thousand dollars.

South Haven For continuing the improvement of the harbor at South

Haven, Michigan, ten thousand dollars.

St. Joseph. For continuing the improvement of the harbor at Saint

Joseph, Michigan, two thousand dollars.

Marvs For continuing the improvement of Saint Mary's River River, etc. and Saint Mary's Falls Canal, two hundred thousand dollars.

For continuing the improvement of the harbor at Che-Chebovgan.

boygan, Michigan, fifteen thousand dollars.

For continuing the improvement of the Saint Clair River St. Clair River. at the mouth of Black River, fifteen thousand dollars.

Sandbeach For continuing the improvement of the harbor of refuge, (Harbor Beach). Lake Huron, seventy-five thousand dollars.

Monroe. For continuing the improvement of the harbor at Monroe,

Michigan, ten thousand dollars. Detroit River. For removing bowlders and rock from the Detroit River,

partly in Canadian waters, twenty-five thousand dollars. Toledo. For continuing the improvement of the harbor at Toledo,

Ohio, seventy-five thousand dollars. Sandusky.

For continuing the improvement of the harbor at Sandusky City, Ohio, twenty-five thousand dollars.

Huron. For continuing the improvement of the harbor at Huron, Ohio, one thousand five hundred dollars.

Vermilion. For continuing the improvement of the harbor at Vermillion, Ohio, three thousand dollars.

Black River For continuing the improvement of the harbor at Black (Lorain). River, Ohio, twenty thousand dollars.

Cleveland. For continuing the improvement of the harbor at Cleve-

land, Ohio, thirty thousand five hundred dollars. Grand River

For continuing the improvement of the harbor at Grand (Fairport). River, Ohio, twenty thousand dollars. Ashtabula.

For continuing the improvement of the harbor at Ashtabula, Ohio, thirty-five thousand dollars.

Conneaut. For continuing the improvement of the harbor at Con-

neaut, Ohio, one thousand five hundred dollars. Rocky River. For preserving and continuing the work upon the pier at

Rocky River, Ohio, ten thousand dollars.

Dunkirk. For continuing the improvement of the harbor at Dunkirk, New York, thirty-five thousand dollars.

Erie. For the improvement of the harbor at Erie, Pennsylva-

nia, twenty thousand dollars.

Buffalo. For continuing the improvement of the harbor at Buffalo, New York, seventy-five thousand dollars; and the Secretary of War is authorized to remove and prevent accumulations of sand at the entrance to said harbor, provided the

Oswego.

same can be done without expense or liability against the United States.

For continuing the improvement of the harbor at Olcott, Olcott.

New York, ten thousand dollars.

For continuing the improvement of the harbor at Oak Oak Orchard. Orchard, New York, ten thousand dollars.

For continuing the improvement of the harbor at Pult-Pultneyville.

nevville, New York, ten thousand dollars.

For continuing the improvement of the harbor at Great Bay. Sodus Bay, New York, fifteen thousand dollars.

For continuing the improvement of the harbor at Little Bay.

Sodus Bay, New York, fifteen thousand dollars.

For continuing the improvement of the harbor at Oswego,

New York, seventy-five thousand dollars.

For continuing the improvement of the harbor at Wad-Waddington. dington, New York, ten thousand dollars.

For continuing the improvement of the harbor at Oodens-Ogdensburg.

burgh, New York, six thousand dollars.

For continuing the improvement of the harbor at Platts-Plattsburg. burgh, New York, five thousand dollars.

For continuing the improvement of the harbor at Bur-Burlington.

lington, Vermont, twenty-five thousand dollars.

For continuing the improvement of the harbor at Swan-Swanton.

ton, Vermont, eight thousand dollars.

For continuing the improvement of the Falls of Saint Falls of St. An-Anthony and for the improvement of the Mississippi River above the Falls of Saint Anthony, Minnesota, one hundred and fifty thousand dollars; and twenty-five thousand dol- Part to be lars of said amount shall be expended for the improvement Part to be exof the Mississippi River above the Falls of Saint Anthony.

For the survey or improvement of the Minnesota River, er. Minnesota Riv-

ten thousand dollars.

For continuing the improvement of the Upper Mississippi Sippi. River, twenty-five thousand dollars.

For continuing the improvement of the Illinois River, Illinois River.

seventy-five thousand dollars.

For continuing the improvement of the Des Moines Rap-Rapids. ids, Mississippi River, four hundred thousand dollars.

For continuing the improvement of the Rock Island Rap-Rapids. Island

ids, Mississippi River, fifty thousand dollars.

For continuing the improvement of the Mississippi, Mis-Mississippi, souri, and Arkansas Rivers, one hundred thousand dollars. Arkansas rivers. For continuing the improvement of the White River White River.

above Jacksonport, fifty thousand dollars.

For continuing the improvement of the Osage River, Osage River.

Missouri, twenty-five thousand dollars.

For continuing the improvement of the Mississippi River Mississippi between the mouths of the Ohio and Illinois Rivers, two hundred thousand dollars; and fifteen thousand dollars of said amount shall be expended between the mouths of the Missouri and Illinois Rivers.

For continuing the improvement of the Ohio River, one hundred and fifty thousand dollars; one-half of which shall be expended above and the other half below the Suspen-

Ohio River.

Part may be expended, how.

sion Bridge between Cincinnati, Ohio, and Covington, Kentucky; forty thousand dollars of the above amount that is to be expended above the Suspension Bridge may, if approved by the Chief of Engineers, be expended in a permanent improvement of navigation at Pittsburgh, Pennsylvania.

Wabash River.

For continuing the improvement of the Wabash River. Part may be twenty-five thousand dollars: Provided. That a portion of used to extin this appropriation, not exceeding nine thousand dollars, etc., of Wabash may be used by the Secretary of War, in his discretion, for Navigation Co. the extinguishment of any right, title, or claim of the Wabash Navigation Company in the lock and dam at Grand Rapids, on said river, and other property said company may claim on said river, and for the extinguishment of any right said company may have to affect or interfere in any way with the navigation of said river; but no part of this appropriation shall be expended until said navigation company shall have relinguished all right to control or otherwise in any manner interfere with or affect the free navigation of said

Upper Monon-

For continuing the improvement of the Upper Monongahela River near Morgantown West Virginia, twenty-five thousand dollars.

Kanawha For continuing the improvement of the Great Kanawha River. River, West Virginia, twenty-five thousand dollars.

Tennessee For continuing the improvement of the Tennessee River above Chattanooga, twenty-five thousand dollars; and below Chattanooga, including Muscle Shoals, one hundred thousand dollars.

Mouth of Mis-For continuing the improvement of the mouth of the Mississippi. sissippi River, one hundred and thirty thousand dollars.

Raft in Red For removing the raft in Red River, Louisiana, fifty thou-River. sand dollars.

Choctawhat-For removing obstructions in the Choctawhatchie River, chee River. Alabama and Florida, five thousand dollars.

Mobile Harbor. For continuing the improvement of the harbor of Mobile Alabama, one hundred thousand dollars.

Savannah. For continuing the improvement of the harbor at Savannah, Georgia, fifty thousand dollars.

Chattahoochee For the improvement of the Chattahoochee and Flint and Flint rivers. Rivers, Georgia, twenty-five thousand dollars.

For continuing the improvement at the mouth of the St.JohnsRiver. Dredging. Saint John's River, Florida, or may be used for dredging out the inside passage between the Saint John's and Nassau Inlet, ten thousand dollars.

Apalachicola For the improvement of the Apalachicola River, Florida, River. ten thousand dollars.

Baltimore. For continuing the improvement of the harbor at Baltimore, Maryland, seventy-five thousand dollars.

Chester River. For the improvement of Chester River, at Kent Island Narrows, Maryland, five thousand dollars.

Wicomico Riv-For continuing the improvement of the Wicomico er. River [a], Maryland, five thousand dollars.

For the improvement of Elk River, Maryland, five thou- Elk River.

For continuing the improvement at the mouth of the Occoquan Riv-Occoquan River, Virginia, five thousand dollars.

For continuing the improvement at the mouth of Nomoni Nomini Creek.

Creek, Virginia, six thousand dollars.

For continuing the improvement of the Rappahannock Rappahannock River, Virginia, seven thousand dollars.

For continuing the improvement of the James River, James River.

Virginia, fifty thousand dollars.

For continuing the improvement of the Appomattox Appomattox River, Virginia, thirty thousand dollars.

For continuing the improvement of the south branch of Elizabeth Riv-

Elizabeth River, Virginia, ten thousand dollars. For continuing the improvement of Nansemond River, Nansemond

Virginia, ten thousand dollars.

For continuing the improvement of the Roanoke River, Roanoke River. North Carolina, five thousand dollars.

For continuing the improvement of the Cape Fear River, er. North Carolina, one hundred and fifty thousand dollars. For continuing the improvement of the Delaware River, er, etc.

and channel at Fort Mifflin Bar, fifty thousand dollars.

For continuing the improvement of the Delaware River between Trenton and Bordentown, ten thousand dollars.

For the removal of obstructions in the harbor and the Pier at New-castle. construction of a pier at New Castle, Delaware, ten thousand dollars.

For continuing the improvement of the harbor at Wil-Wilmington,

mington, Delaware, six thousand dollars.

For continuing United States pier in Delaware Bay near Pier near Lew-Lewes, Delaware, ten thousand dollars.

For continuing the improvement of the Schuylkill Schuylkill Riv-

River, twenty thousand dollars.

For continuing the improvement of the Hudson River, Hudson River, Payment to New York, forty thousand dollars; and out of this appro-Emory R. Sewpriation the sum of seven thousand four hundred and sixty-ard. two dollars may be paid by the Chief of Engineers to Emory R. Seward, in full payment for work done by him in removing the overslaugh rock in the Hudson River, under his contract made in eighteen hundred and seventy.

For continuing the improvement of the Passaic River, Passaic River.

New Jersey, twenty thousand dollars.

For continuing the improvement by removing obstruc-Hell Gate. tions in the East and Harlem Rivers at or near Hell Gate,

two hundred and twenty-five thousand dollars.

For continuing the improvement of the harbor at Ware-

ham, Massachusetts, ten thousand dollars.

For continuing the improvement of the harbor at Hyan-

nis, Massachusetts, five thousand dollars.

For continuing the improvement of the Taunton River, Taunton River.

Massachusetts, ten thousand dollars.

For the improvement of the harbor at Fall River, Massa- Fall River.

chusetts, ten thousand dollars. For continuing the improvement of the breakwater at Block Island

Block Island, twenty thousand dollars.

Newport. For continuing the improvement of the harbor at Newport. Rhode Island, ten thousand dollars.

Wickford. For continuing the improvement at the harbor at Wick-

ford, Rhode Island, five thousand dollars.

Pawcatuck For continuing the improvement of the Pawcatuck River, River. Rhode Island and Connecticut, ten thousand dollars.

Stonington. For continuing the improvement of the harbor at Ston-

ington, Connecticut, twenty thousand dollars.

Connecticut For continuing the improvement of the Connecticut River. River, below Hartford, Connecticut, twenty thousand dollars.

Housatonic For continuing the improvement of the Housatonic River, River.

Connecticut, ten thousand dollars.

Bridgeport. For continuing the improvement of the harbor at Bridgeport, Connecticut, twenty thousand dollars.

Norwalk For continuing the improvement of the harbor at Nor-

walk, Connecticut, ten thousand dollars.

For the improvement of the harbor at Milford, Connecti-Milford. cut, five thousand dollars.

That the sum of fifty thousand dollars is appropriated Channel between Staten Is-land and New for the opening and improving of the channel between Jersev Staten Island and New Jersev.

For continuing the improvement of the Saint Croix St. Croix River, Me. River, Maine, ten thousand dollars.

For continuing the improvement of the Machias River. Machias River. Maine, ten thousand dollars.

Penobscot Riv-For continuing the improvement of the Penobscot River; Maine, twenty thousand dollars.

Camden. For continuing the improvement of the harbor at Camden,

Maine, ten thousand dollars. Kennebec Riv-For continuing the improvement of the Kennebec River.

Maine, twelve thousand dollars. Portland, Me.

For continuing the improvement of the harbor at Portland, Maine, twenty thousand dollars.

Cocheco River. For continuing the improvement of the Cocheco River, New Hampshire, ten thousand dollars.

Merrimac For continuing the improvement of the Merrimack River River, Massachusetts, ten thousand dollars.

Salem Harbor. For continuing the improvement of the entrance of Salem Harbor, Massachusetts, ten thousand dollars.

Boston. For continuing the improvement of the harbor at Boston

Massachusetts, one hundred thousand dollars. Plymouth. For continuing the improvement of the harbor at Plymouth, Massachusetts, and for dredging, five thousand

dollars. Provincetown. For continuing the improvement of the harbor at Provincetown, Massachusetts, six thousand dollars.

For continuing the improvement of the Lower Willamette Lower Willamette and Co and Columbia Rivers, from Portland, Oregon, to the sea, lumbia rivers. twenty thousand dollars.

For continuing the improvement of the Upper Willamette Upper Willamette River. River, Oregon, seven thousand five hundred dollars.

For continuing the improvement of the Upper Columbia Upper Columbia River. River, twenty thousand dollars.

For continuing the improvement of the harbor at Gal-Galveston. veston, Texas, sixty thousand dollars.

For removing wrecks and rocks off the harbor of San

Francisco, California, twenty-five thousand dollars.

For the improvement of Oakland Harbor, one hundred thousand dollars.

For continuing the improvement of the harbor at Milwaukee, Wisconsin, ten thousand dollars.

For continuing the improvement of Saginaw River Saginaw River.

Michigan, fifteen thousand dollars.

That the appropriation under the act of March third, of Georgetown eighteen hundred and seventy-three, for the improvement channel. of the harbors of Washington and Georgetown be made to apply to dredging the Virginia or Georgetown channel of the Potomac River above and below Long Bridge, and that the earth excavated therefrom be deposited so as to carry out as far as practicable the plan for improving the harbors of Washington and Georgetown, in accordance with the recommendation made to Congress December seventeenth. eighteen hundred and seventy-two, by a board of survey created by act of Congress approved March fifth, eighteen

hundred and seventy-two.

For surveys and estimates for the improvements recom- Survey, etc., of transportation mended by the Senate Select Committee on Transportation-routes to sea-Routes to the Seaboard, upon the four routes indicated in the report of said committee, and also upon a route from the mouth of the Youghiogheny River, to continue the slackwater navigation up said river to its head-waters at the foot of the Alleghany Mountains, thence by canal to Cumberland, intersecting there the Chesapeake and Ohio Canal, two hundred thousand dollars, or so much thereof as may be necessary, to be expended under the direction of the Secretary of War in such manner as, in his judgment, will secure the greatest amount of exact information for each of said routes.

For the improvement of the harbor at Charleston, South

Carolina, eighteen thousand dollars.

For examinations and surveys of rivers and harbors, and etc., and incifor incidental repairs at harbors for which there is no dental repairs.

special appropriation, seventy-five thousand dollars.

Sec. 2. That the Secretary of War is hereby directed Secretary of War is hereby directed War to cause exto cause examinations or surveys, or both, to be made at aminations and the following points, namely:

Harbor of New Bedford, Massachusetts.

Cascades and Dalles of the Columbia River, Oregon, and Washington Territories, for the purpose of ascertaining the practicability and cost of constructing canals and locks at such points.

Skaget River, for removing jams, Washington Territory. Yam Hill River, Oregon, for removing rocks and sand

bars.

Snohomish River, for removing Jams, Washington Territory.

San Francisco.

Oakland.

Milwaukee.

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Charleston.

surveys to be made at certain Chehallis River, for removing jams, Washington Territory

Tennessee River [a], above the mouth of Holston-River

to the Chilhowee Mountains, Tennessee.

Hiawassee River, below Benton, Tennessee Urbanna Creek, Virginia, below Urbanna.

Black Warrior River, below the mouth of Locust Fork, Alabama.

Cahaba River, below Centreville, Alabama.

Nantucket Harbor Bar, Massachusetts.

Lamprey River, below Newmarket, New Hampshire.

Exeter River, below Exeter, New Hampshire.

Minnesota River, for further examination for improvement by canals, locks and dams.

Oconee River, from the Ocmulgee to Milledgeville,

Georgia.

Chickahominy River, Virginia.

Hampton River, Virginia Wolf Lake Cut, Indiana.

Snake River, Idaho, from Shoshonee Falls to Lewiston, examination and estimates for removing bowlders and other obstructions.

Sacramento River, below Tehama, California. Feather River, below Marysville California.

Lake Winnipiseogee [Winnepesaukee], for placing buoys on obstructions, New Hampshire.

Smutty Nose Island, as to repair breakwater, Portsmouth. New Hampshire.

Pagan Creek, Virginia.

New River, from the lead-mines in Wythe County, Virginia, to the "Mouth of Wilson" in Grayson County, Virginia.

The Little Kanawha River, below Bull Town.

Chippewa River, below Chippewa Falls, Wisconsin. Dakota River, between Southern Dakota Railroad and Northern Pacific Railroad, Dakota Territory.

Tombigbee River, by way of Big Bear Creek[b], to the

Tennessee to connect water communication.

Estuary in Santa Barbara Channel, about two miles north of Point Muger, California.

Cleveland breakwater, new estimate for four fathoms water, Ohio.

San Joaquin River, below Stockton, California.

Guyandotte River, below Logan Court House, West Vir-

ginia.

Cedar Bayou Bar; and ten thousand dollars are hereby appropriated for the improvement of Red Fish Bar, in Galveston Bay, Texas.

Withlacooche River, from mouth of Ocopilco River,

Georgia.

a Meaning the Little Tennessee River.

b A tributary of Tennessee River; known also as Bear Creek, or River.

Ochalochnee [Ocklockonee] River, below Atlantic and Gulf Railroad, Georgia.

Red River, at Alexandria, Louisiana.

Harlem River, from Randall's Island, by way of Spuyten Duyvil Creek, to Hudson River, New York.

Blackwater River, Virginia.

Mouth of Kennebunk River, Maine.

Brazos River, below Waco, including the bar at its mouth.

Guadalupe River, below Gonzales, Texas.

St. Croix River, below St. Croix Falls, in Minnesota and Wisconsin.

The Red River of the North from Breckenridge to Moor-

Big Sandy River, below Piketon, Kentucky.

Twelve Pole River, below Wayne Court House, West Virginia.

Harbor of Hingham, Massachusetts, with reference to

removal of obstructions.

Sebawaing River, Michigan, for entrance, with eight feet water.

Mouth of Saginaw River, Michigan.

French Broad River, North Carolina, from Brevard to Buncombe County line.

Big Sandy River, from its mouth to Piketon, and to

Warfield, in Kentucky.

Rock Castle River, Kentucky, from the foot of the narrows at Graham's Mills, to its mouth,

Smith's Shoals, in the Cumberland River, Kentucky. Inside passage, between Fernandina and St. John's River, known as Nassau River, Florida.

Grand Marias Harbor, Lake Superior, Minnesota.

Pamunkey River, Virginia. Mataponi River, Virginia.

Little Wicomico River, Virginia.

Totuskee [Totuskey] River, Virginia, below the bridge. Survey of Harbor of Crisfield, Somerset County, Maryland, with a view of removing obstructions.

Harbor of Leonardtown, Britton [Breton] Bay, Potomac River, Maryland, with a view to remove obstructions.

Harbor of Norfolk, Virginia.

SEC. 3. That a board of engineers, to be composed of Board of Engithree from the Army, one from the Coast Survey, and mouth of Missisthree from civil life, be appointed by the President; which Supplementation Board. said board shall make a survey of the mouth of the Mississippi River, with a view to determine the best method of obtaining and maintaining a depth of water sufficient for the purposes of commerce, either by a canal from said river to the waters of the Gulf, or by deepening one or more of the natural outlets of said river; and said board shall make a full and detailed estimate and statement of the cost of each of said plans, and shall report the same, together with their opinion thereon, showing which of all

said plans they deem preferable, giving their reasons there-Report to Sec- for, to the Secretary of War, to be presented at the compresentation to mencement of the second session of the Forty-third Con-Congress. gress; and that the sum of twenty-five thousand dollars.

or so much thereof as may be necessary, is hereby appropriated, out of any funds in the Treasury not otherwise appropriated, to defray the cost of said survey.

Approved, June 23, 1874.

CHAP. 460.—An Act To provide for the improvement of the Oos-June 23, 1874. Vol.18.pt.3. p.250, tenaula River, in the State of Georgia.

Be it enacted by the Senate and House of Representatives Improvement of the United States of America in Congress assembled, That of Oostenaula the sum of ten thousand dollars be, and the same is hereby, appropriated out of the money in the treasury of the United States, for the improvement of the Oostenaula River, in the State of Georgia.

Approved, June 23, 1874.

CHAP. 134.—An Act Making appropriations for the repair, preser-Mar. 3, 1875. Vol.18, pt.3, p.456, vation, and completion of certain public works on rivers and harbors.

and for other purposes.

Be it enacted by the Senate and House of Representatives River and har-of the United States of America in Congress assembled, That the following sums of money be, and are hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

For dredging the inside harbor at Duluth, thirty-five Duluth. thousand dollars.

For the improvement of the harbor at Ontonagon, twenty-Ontonagon. five thousand dollars.

For the improvement of Eagle Harbor, ten thousand Eagle.

For the improvement of the harbor at Marquette, fifteen Marquette. thousand dollars.

Fox and Wis-For the improvement of the Fox and Wisconsin Rivers, consin rivers. five hundred thousand dollars.

For the improvement of the harbor at Green Bay, ten Green Bay. thousand dollars.

For the improvement of the harbor at Menomonee, Menominee. twenty-five thousand dollars.

For the improvement of the harbor at Ahnapee, Wis-Ahnapee. consin, twenty-five thousand dollars.

For the improvement of the harbor at Two Rivers, Wis-Two Rivers. consin fifteen thousand dollars.

Manitowoc. For the improvement of the harbor at Manitowoc, Wisconsin, ten thousand dollars.

Calumet.

Michigan City.

Cheboygan.

St. Clair River.

For the improvement of the harbor at Sheboygan Wis-Sheboygan. consin, twelve thousand dollars.

For the improvement of the harbor at Port Washington, port Washington, ton.

Wisconsin, ten thousand dollars.

For the improvement of the harbor at Milwaukee, twenty-Milwaukee. five thousand dollars.

For the improvement of the harbor at Racine, Wisconsin Rucine ten thousand dollars.

For the improvement of the harbor at Kenosha, Wiscon-Kenosha sin fifteen thousand dollars.

For the improvement of the harbor at Chicago, Illinois Chicago. seventy-eight thousand dollars.

For the improvement of the harbor at Calumet, Illinois. twenty-five thousand dollars.

For the improvement of the harbor at Michigan City,

Indiana fifty thousand dollars. For the improvement of the harbor at Frankfort, Michi-Frankfort.

gan, ten thousand dollars.

For the improvement of the harbor at Manistee, Michi-Manistee. gan, twenty-five thousand dollars.

For the improvement of the harbor at Ludington, Michi-Ludington. gan ten thousand dollars.

For the improvement of the harbor at White River, (Lake). White River Michigan ten thousand dollars.

Muskegon. For the improvement of the harbor at Muskegon, Michigan twenty-five thousand dollars.

For the improvement of the harbor at Black Lake, Michi-(Holland). Lake gan fifteen thousand dollars.

For the improvement of the harbor at Saugatuck Michigan, ten thousand dollars.

For the improvement of the harbor at South Haven. South Haven.

Michigan, ten thousand dollars.

For the improvement of Saint Mary's River and Saint er, etc.; part, how Mary's Falls Canal, two hundred thousand dollars: of which may be used. sum not to exceed forty thousand dollars may be used in the settlement of such claims of the contractors, Barker Barker, Williams and Bangs, and Barker and Williams, for dam-Barker & Williams ages and delays in the time of commencing work on said canal during the existence of their contracts, as the Secretary of War, on the report of the Engineer Department,

For the improvement of the harbor at Cheboygan Michigan fifteen thousand dollars.

shall judge to be just and equitable.

For the improvement of Saint Clair River, at the mouth

of Black River, Michigan, ten thousand dollars. For the improvement of the Harbor of Refuge, Lake (Harbor Beach). Huron, one hundred thousand dollars.

For the improvement of the harbor at Monroe, Michigan, Monroe. ten thousand dollars.

Saginaw River. For the improvement of Saginaw River, Michigan, thirty

thousand dollars. For the improvement of the harbor at Toledo, Ohio, Toledo. seventy-five thousand dollars.

Sandusky. For the improvement of the harbor at Sandusky City, Ohio, twenty-five thousand dollars.

Huron. For the improvement of the harbor at Huron, Ohio, one thousand dollars.

vermilion. For the improvement of the harbor at Vermillion, Ohio, ten thousand dollars.

Black River For the improvement of the harbor at Black River, Ohio, ten thousand dollars.

Grand River For the improvement of the harbor at Grand River, (Fairport). Ohio fifteen thousand dollars

Ashtabula.

Ashtabula.

Ohio, fifteen thousand dollars.

For the improvement of the harbor at Ashtabula, Ohio, twenty-five thousand dollars.

Conneaut. For the improvement of the harbor at Conneaut, Ohio, one thousand dollars.

For the improvement of the harbor at Erie, Pennsylvania, eighty thousand dollars.

Port Clinton. For the improvement of the harbor at Port Clinton, Ohio, five thousand dollars.

Rocky River. For the improvement of the harbor at Rocky River, Ohio, fifteen thousand dollars.

Dunkirk. For the improvement of the harbor at Dunkirk, New York thirty-five thousand dollars.

Hudson River. For dredging the mud bars in the Hudson River in front of Jersey City, twenty-five thousand dollars.

Buffalo; part. For the improvement of the harbor at Buffalo, New howmay be used. York one hundred thousand dollars; and out of this approDaniel E. Bai- priation the Chief of Engineers may pay Daniel E. Bailey, ley.

the sum of twenty three thousand two hundred and circlety.

the sum of twenty-three thousand two hundred and eightyseven dollars and seventy-six cents for work done by him upon such improvement in eighteen hundred and seventythree and eighteen hundred and seventy-four, and for which he has not been paid, in full satisfaction thereof.

olcott. For the improvement of the harbor at Olcutt, New York ten thousand dollars.

Oak Orchard. For the improvement of the harbor at Oak Orchard, New York, ten thousand dollars.

For the construction of an additional pier in the ice harbor at New Castle, Delaware, twenty-thousand dollars.

Pier at Lewes, For the continuation of the construction of the United States pier at Lewes, Delaware, twenty-five thousand dollars.

Charlotte. For the improvement of the harbor at Charlotte, New York, five thousand dollars.

For the improvement of the harbor at Cristfield, Maryland, thirty-seven thousand three hundred and seventeen dollars and fifty cents.

Pultneyville. For the improvement of the harbor of Pultneyville New York, ten thousand dollars.

Great Sodus For the improvement of the harbor at Great Sodus Bay, New York, ten thousand dollars.

Little Sodus For the improvement of the harbor at Little Sodus Bay,
New York, ten thousand dollars.

Oswego. For the improvement of the harbor at Oswego, New York, ninety thousand dollars.

For the improvement at the harbor at Ogdensburgh, Ogdensburg. New York, five thousand dollars.

For the improvement of the harbor at Burlington, Ver-Burlington.

mont twenty-five thousand dollars.

For the improvement of the harbor at Swanton, Ver-Swanton.

mont ten thousand dollars.

For the improvement of Otter Creek, Vermont, five Otter Creek. thousand dollars.

For the improvement of the Falls of Saint Anthony, Falls of St. Anthony, thony, Minnesota, one hundred thousand dollars; and twenty-five thousand dollars of said amount may be expended for the ed, how. improvement of the Mississippi River above the Falls of Saint Anthony.

For the improvement of the Minnesota River, ten thou-MinnesotaRivsand dollars.

For the improvement of the Upper Mississippi River Upper Mississippi River. twenty-five thousand dollars.

For the improvement of the Illinois River, seventy-five Illinois River.

thousand dollars.

For the improvement of the Des Moines Rapids, Missis-Rapids. Des Moines sippi River, four hundred and eighty thousand dollars.

For the improvement of the Rock Island Rapids, Missis-Rapids,

sippi River, fifty thousand dollars.

For the improvement of the Mississippi, Missouri, and Missouri, and Ar-Arkansas Rivers, one hundred thousand dollars.

For the improvement of the Mississippi River, between River, between the mouths of the Illinois and Ohio Rivers, two hundred mouths of Illithousand dollars: fifteen thousand dollars of said amount how portion to shall be expended between the mouths of the Illinois and be expended. Missouri Rivers; and fifteen thousand dollars of said amount may be expended at Liberty Bar.

For completing the improvement of the Falls of the Falls of Ohio Ohio River and Louisville Canal, one hundred thousand and Portland

For the improvement of the Ohio River, three hundred how part to be thousand dollars; that one hundred thousand dollars of used. this amount shall be used for and applied toward the construction of a "movable dam," or a dam with adjustable gates for the purpose of testing substantially the best method of improving permanently the navigation of the Ohio River and its tributaries; the location of this work with the plan of construction and the application of the amount hereby appropriated to be submitted to the Secretary of War, for his approval.

For the improvement of the Wabash River, forty thou- Wabash River.

sand dollars.

For the improvement of the Upper Monongahela River, gahela River. near Morgantown, West Virginia, twenty-two thousand dollars.

For the improvement of the Great Kanawha River, West Kanawha River,

Virginia, three hundred thousand dollars. For the improvement of the Tennessee River, above Chat-er. tanooga, forty thousand dollars, and below Chattanooga,

Ohio River:

including the Muscle Shoals, three hundred and sixty thousand dollars.

For the improvement of the Cumberland River, below Cumberland

Nashville, twenty-five thousand dollars. Vazoo River For the improvement of the Yazoo River, twelve thou-

sand dollars. Mouth of Mis-For the improvement of the mouth of the Mississippi

River, two hundred and fifty thousand dollars, provided: when appro- That this appropriation shall cease to be available when its

priation shall necessity is superceded by any other work of improvement authorized by law.

For the improvement of Red Fish Bar, in Galveston Bav. Red Fish bar. Texas, ten thousand two hundred dollars.

Raft in Red For removing the Raft in Red River, twenty thousand River. dollars.

Mobile For the improvement of the harbor at Mobile, Alabama, twenty-six thousand dollars.

Cedar Keys. For the improvement of the harbor at Cedar Kevs. Florida, fifteen thousand dollars.

Chattahoochee For the improvement of the Chattahooche and Flint and Flint rivers. River, Georgia, twenty-five thousand dollars.

Apalachicola For the improvement of the Apalachicola River, Florida, River. ten thousand dollars.

Choctaw-For the improvement of the Choctawhatchie River, Florhatchee River. ida and Alabama, five thousand dollars.

For the improvement of the harbor at Charleston, South Cherleston Carolina, ten thousand dollars.

Savannah. For the improvement of the harbor at Savannah, Georgia, seventy thousand dollars.

Oostenaula and For the improvement of the Oostanoola and Coosawattee Coosawattee

Rivers, Georgia, five thousand dollars. rivers. For the improvement of Elk River, Maryland, five Elk River.

thousand dollars. For the improvement of the harbor at Baltimore, Mary-Baltimore.

land, seventy-five thousand dollars. Wicomico Riv-For the improvement of the Wicomico River [a], Maryer. land, five thousand dollars.

Occognan Riv-For the improvement of Occoquan River, Virginia, five er. thousand dollars.

Aquia Creek. For the improvement of Aquia Creek, Virginia, two thousand dollars.

Nomini Creek. For the improvement of the mouth of Nomini, Virginia, five thousand dollars.

Rappahannock For the improvement of the Rappahannock River, Virginia, five thousand dollars.

James River. For the improvement of the James River, Virginia, fifty thousand dollars.

Elizabeth Riv-For the improvement of the South Branch of Elizabeth River, Virginia, five thousand dollars.

For the improvement of the Nansemond River, Virginia, Nansemond River. five thousand dollars.

For the improvement of the Appomattox River, Virginia, Appomattox thirty thousand dollars.

For the improvement of Cape Fear River, North Carolina, or Cape Fear Riv-

one hundred and fifty thousand dollars.

For constructing United States Pier in Delaware Bay, Piernear Lewes.

near Lewes, Delaware, fifteen thousand dollars.

For the improvement of Delaware River at Fort Mifflin Delaware River. Bar, twenty thousand dollars; and that any unexpended Unexpended balance of the amount mentioned in the act making appro-balance. priations for the repair, preservation, and so forth, of certain public works, and so forth, approved March third. eighteen hundred and seventy-three, for the improvement of the channel of the Delaware River, at and near the Horse Shoe Shoals, be, and is hereby, appropriated, to be expended for the improvement of said river, at such places between Petty's Island and its mouth as the Chief of Engineers of the Army may order and direct.

For the improvement of the Delaware River, New Jersey, er Delaware Riv-

between Trenton and White Hill, ten thousand dollars.

For the improvement of the harbor at Wilmington, Del- Wilmington.

aware, ten thousand dollars.

For the improvement of the Schuylkill River, twenty Schuylkill River, thousand dollars.

For the improvement of the Hudson River, New York, Hudson River.

forty thousand dollars.

For the improvement of the Passaic River, New Jersey, Passaic River.

twenty thousand dollars.

For removing obstructions in the East River and Hell East River and Hell Gate. Gate. New York, two hundred and fifty thousand dollars.

For the improvement of the East Chester Creek, New Creek Chester

York, twelve thousand dollars.

For a harbor at Fort Jefferson, New York, fifteen thou-Port Jefferson.

sand dollars.

Wareham. For the improvement of the harbor at Wareham, Mas-

sachusetts, ten thousand dollars.

Taunton River. For the improvement of Taunton River, Massachusetts,

ten thousand dollars.

Fall River. For the improvement of the harbor at Fall River, Mas-

sachusetts, ten thousand dollars.

For the improvement of the breakwater at Block Island, Block Island

Rhode Island, twenty thousand dollars.

For the improvement of the harbor at Newport, Rhode Newport.

Island, ten thousand dollars. For the improvement of Pawcatuck River, Rhode Island Pawcatuck

and Connecticut, ten thousand dollars.

For the improvement of the harbor at Stonington, Con- Stonington.

necticut, twenty-five thousand dollars. For the improvement of the Connecticut River, below Connecticut

Hartford, Connecticut, twenty thousand dollars.

For the improvement of the harbor at Milford, Connect- Milford.

icut, thirteen thousand dollars. For the improvement of the Housatonic River, Connect-River. icut, five thousand dollars.

Camden.

Bridgeport. For the improvement of the harbor at Bridgeport, Connecticut, fifteen thousand dollars.

For the improvement of the harbor at Norwalk, Connecticut, seven thousand dollars.

Machias River. For the improvement of the Machias River, Maine, ten thousand dollars.

For the improvement of the harbor at New Haven, Con-

necticut, ten thousand dollars.

Fenobscot For the improvement of the Penobscot River, Maine, twenty-five thousand dollars; and out of this appropriation ten thousand dollars shall be expended at or near Bucksport Narrows.

For the improvement of the harbor at Camden, Maine,

ten thousand dollars.

Kennebec For the improvement of the Kennebec River, Maine, fifteen thousand dollars.

Portland, Me. For the improvement of the harbor at Portland, Maine,

twenty thousand dollars.

Richmond Is- For the improvement at Richmond Island, Maine, fifteen thousand dollars

For the improvement of the Cochico River, New Hampshire, twenty-five thousand dollars

Merrimac Riv- For the improvement of the Merrimack River, Massachusetts, twelve thousand dollars.

Boston Harbor, Massachusetts, one hundred thousand dollars; ten thousand dollars of

Hingham Har-said amount may be expended for the improvement of

Plymouth.

Hingham Harbor.

For the improvement of the harbor at Plymouth, Massachusetts, ten thousand dollars.

Provincetown. For the improvement of the harbor at Provincetown,

Massachusetts, five thousand dollars

Lower Willamette and Columbia rivers. For the improvement of the Lower Willamette and Columbia rivers, from Portland, Oregon, to the sea twenty thousand dollars.

Upper Willamette River. For the improvement of the Upper Willamette River, Oregon, twenty-five thousand dollars.

Upper Columbia River, thirty-five thousand dollars.

Breakwater at Wilmington, California, thirty thousand dollars.

Oakland. For the improvement of Oakland Harbor, California,

one hundred thousand dollars.

For the improvement of the harbor at San Diego, Cali-

fornia, eighty thousand dollars.

Breakwater at Early breakwater in five fathers of mater to protect

For a breakwater in five fathoms of water, to protect the commerce of Cleveland, Ohio, fifty thousand dollars.

For the improvement of the barbaret Calveston, Torong

For the improvement of the harbor at Galveston, Texas, one hundred and fifty thousand dollars.

Sebewaing River, Michigan, eight thousand dollars.

Clair rivers. For dredging the bar at the junction of Pine and Saint Clair Rivers, Michigan, five thousand dollars.

New Bedford. For the improvement of the harbor at New Bedford. Massachusetts, ten thousand dollars

For the improvement of the harbor at Wilson, New Wilson.

York, ten thousand dollars.

For the improvement of the Sacramento and Feather Sacramentoand Feather rivers.

Rivers, California, fifteen thousand dollars.

For the improvement of the ship-channel between the Shipchannel in mouth of San Jacinto River, to Bolivar Channel, in Gal-Galveston Bay. veston Bay, Texas, twenty-five thousand dollars.

For the improvement of Sabine Pass, Texas, twenty Sabine Pass.

thousand dollars.

Harlem River. For the improvement of the Harlem River, New York. ten thousand dollars.

For the improvement of the harbor and river at Saint St. Joseph.

Joseph's, Michigan, thirty-five thousand dollars.

For the improvement of the Warrior and Tombigbee Warrior and Rivers, Alabama, below Tuscaloosa and Demopolis, twenty- ers. five thousand dollars, in addition to any unexpended balance remaining from the appropriation for the harbor of Mobile, hereby transferred to this improvement.

For the repair of the breakwater and piers at the harbor Southport.

of Southport, Connecticut, five thousand dollars.

For completing the improvement of the harbor at Wad- Waddington.

dington, New York, five thousand dollars.

For examination and surveys of rivers and harbors, and etc., and incifor incidental repairs at harbors for which there is no spedental repairs.

cial appropriation, fifty thousand dollars.

It shall be the duty of the Secretary of War to apply the War to apply moneys herein appropriated as far as may be by contract, moneys by conexcept when specific estimates cannot be made for the par-may be, etc. ticular work, or where, in the judgment of said Secretary, the work cannot be contracted at prices advantageous to the Government, and except the appropriations made for examinations and surveys; and such contracts shall be made after sufficient public advertisement for proposals in such form and manner as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

For completing the survey and estimates of the route Youghiogheny from the mouth of the Youghiogheny River to continue River.

the slackwater navigation up said river, to the head waters at the foot of the Allegheny mountains, thence by canal to Cumberland, intersecting there the Chesapeake and Ohio

Canal, ten thousand dollars.

SEC. 2. That the Secretary of War is hereby directed to Secretary of War is hereby directed to War to cause excause examinations, or surveys, or both, to be made at the aminations and following points, namely: tain points,

Alabama River, from Wetumpka to its mouth.

East Branch [Anacostia River] of Potomac River, from the navy-yard to Bladensburg, District of Columbia. North [a] and South Branches of the Shrewsbury River, New Jersey.

a The North Branch is known also as Navesink River.

Puvallup River, from the Coal Mines to its mouth, Washington Territory.

Monongahela River, from Morgantown to Fairmount,

West Virginia.

French Broad River, from its junction with the Holston at Knoxville to Leadvale, Tennessee.

Port Henry, Lake Champlain, for a breakwater. Rouse's Point, Lake Champlain, for a breakwater.

Lower Pier, Chester, Pennsylvania.

Monterey, California.

Mouth at Nehalem River, Oregon, Alsea River and bar,

Oregon.

For examination for a route for a canal sufficient to allow the passage at ordinary high tide, of steamers drawing ten feet, connecting the waters of Shoal Water Bay Willama Harbor] with the waters of the Columbia River: Provided. That no more than five hundred dollars shall be expended in making such survey and estimate.

Alleghany River, below Freeport, Pennsylvania.

Thunder Bay River[a], Lake Huron. Little Narragansett Bay, between Dennison Rocks and

Rhode's Folly, Rhode Island and Connecticut.

For examination for a route for a canal from Lake Michigan to the Wabash River, Indiana, not exceeding the expense of two thousand dollars.

Clinch River, below the mouth of Emory River, and Emory River above its mouth, for removal of bars, Ten-

nessee

Clinton River, from Mount Clemens to its mouth, Mich-

For estimate of cost to obtain thirteen feet of water on the outer bar at the mouth of Saginaw River, Michigan.

Waddington, New York, for the purpose of ascertaining the practicability and cost of constructing a canal and locks around the rapids in the Saint Lawrence River at that point.

Survey of the channel of West Haven Harbor, near

New Haven, Connecticut.

Pamlico River from its mouth to the town of Washing-

ton, North Carolina.

Neuse River from its mouth Goldsboro, North Carolina. Pasquotank River, from Albemarle Sound to Elizabeth City, North Carolina.

Pugunnaus [Perguimans] River from its mouth to the

town of Hartford [Hertford], North Carolina.

Belfast Bay and harbor, Maine. Harbor Matinicus Island, Maine.

Alleghany River, near Pittsburg, Pennsylvania.

Ocmulgee River, Georgia, from the city of Macon to the city of Covington.

Catawba River, from South Carolina line to Old Fort, North Carolina.

a The examination under this item covered the river's mouth, i. e., Alpena Harbor.

For surveys to ascertain the most eligible line on which a canal across the Isthmus of Florida can be constructed. and whether a safe land-locked navigation between the waters of the Mississippi and the Gulf along the coasts of Alabama, Louisiana, and Florida, and through the latter State to the Atlantic coast, can be had. To estimate the probable cost and practicability of construction of such works, and of any artificial water-routes found necessary to provide a safe inland navigation between the Mississippi River and one of the seaports on the east coast of Florida.

Continuing survey of French Broad River, from the Henderson County line to its junction with the Holston,

Tennessee.

The harbor at Edenton, North Carolina.

A line between the Neuse and Cape Fear Rivers, in North Carolina, with a view to connect the waters of the same. And a like line with a view to connect the waters of Norfolk harbor, in Virginia, with the waters of the Cape Fear River, at or near Wilmington, North Carolina.

Louisa [Levisa] Fork of Sandy, from the mouth of Dismal, in Buchanan County, Virginia, to Piketon, Ken-

tucky.

Powell's River, from the three forks in Wise Countv. Virginia, to the mouth of Clinch River, Tennessee.

Clinch River, from the mouth of Indian, in Tazewell County, Virginia, to the junction of Clinch and Powell Rivers, Tennesse.

Elk River, from its mouth to Braxton Court-House,

West Virginia.

Missouri River, at the point where it is cutting into the

Kansas shore above Saint Joseph's, Missouri.

For breakwater off the mouth of Au Sable River, Lake Huron.

The piers at Marcus Hook, Pennsylvania.

Tennessee River[a], from the Chilhowee Mountains to the

Georgia line, in Macon County, North Carolina.

Ipswich River and harbor, Massachusetts, and estimates of cost for dredging the river as to give nine feet depth at low water.

Mouth of Big Sandy Creek, New York.

Chippewa River, Wisconsin.

Echo Harbor, New Rochelle, New York.

SEC. 3. That the Secretary of War shall convene a board neers to report of engineers to examine, and report at the next session of planfor improvement of channel be-between Staten Island and New Jersey.

Board of Engineers to report of the next session of planfor improvement of channel be-between Staten Island and New Jersey. tween Staten Island and New Jersey.

tween Staten Island and New Jersey.

Sec. 4. That James B. Eads, of Saint Louis, Missouri, be, James B. Eads, and he is hereby, authorized, with such others as may be as construct jettles, sociated with him, on the conditions hereinafter mentioned, etc., to maintain to construct such permanent and sufficient jettees [sic], and South Pass of such auxiliary works as are necessary to create and perma-er and Gulf of nently maintain, as hereinafter set forth, a wide and deep Mexico. channel between the South Pass of the Mississippi River

and the Gulf of Mexico, and for that purpose he may construct, in the river, outlet, or pass, and likewise in the Gulf of Mexico, such walls, jettees [sic], dikes, levees, and other structures, & employ such boats, rafts, and appliances, as he may, in the prosecution of said work deem necessary:

to be impeded.

Navigation not Provided. That no such structures or means employed shall hinder, delay, or materially interfere with the free navigation of said pass; and, to protect his said works, he may build, and maintain such levees, or embankments as may be necessary to secure their permanency along the banks of com the river or South Pass: Provided further, That unless the construction of the proposed work shall be substantially

bе menced in eight months.

thirty months.

commenced within eight months from the date of the anproval of this act, and prosecuted with due diligence, the provisions contained herein in relation to the said South Navigable Pass shall be null and void; and unless the said Eads and depth of 20 feet has associates shall secure a navigable depth of twenty feet of water through said pass within thirty months after the date of the approval of this act. Congress may revoke the privileges herein granted in relation to the said South Pass, and cancel the obligations herein assumed by the United States. And Congress may revoke the privileges herein granted in relation to the said South Pass, and cancel the obligations herein assumed by the United States. unless the said Eads and his associates shall, after securing

feet is secured.

Two additional less than two feet during each succeeding year thereafter, be secured each until twenty-six feet shall have been secured: and in case succeeding year and Eads and his associates shall fail to comply with the foregoing conditions, as to depth of water, and time for and period of twelve months in excess of the time fixed, as aforesaid, then the privileges herein granted, and the obli-Penalty of fail-gations herein assumed in relation to the said South Pass, ure for one year shall absolutely become absolutely null and void without

twenty feet of water, secure an additional depth of not

fixed.

action by Congress. Amount paid.

.That the conditions herein prescribed being fully complied with, the United States hereby promise and agree to pay to said Eads, or to his assigns or legal representatives, five million two hundred and fifty thousand dollars for constructing said works and obtaining a depth of thirty

feet in said channel, and the annual sum of one hundred thousand dollars for each and every year that said depth of thirty feet shall be maintained by the jettees [sic] and auxiliary works aforesaid in said South Pass during twenty years after first securing the said depth Payments shall be made

How payments to be made.

on certified statements of an engineer-officer, who shall be Examinations detailed by the Secretary of War, and whose duty it shall reporting depths be to report the depth of water and width of channel seand widths. and widths. Vols. 25, pp. 422, cured and maintained from time to time in said channel, 424; 32, p. 340. together with such other information as the Secretary of 516, 962. War may direct. together with such other information as the Secretary of

When pay-ments to be When a channel of twenty feet in depth, and of not less than two hundred feet in width, shall have been obtained by made. the action of said jettees [sic] and auxiliary works, five hundred thousand dollars shall be paid; and when a channel of twenty-two feet in depth and two hundred feet in width shall have been obtained by the action of said jettees [sic] and auxiliary works, five hundred thousand dollars shall

be paid.

When a channel twenty-four feet in depth, and not less than two hundred and fifty feet in width, shall have been obtained, there shall be paid five hundred thousand dollars; and after said depth and width shall have been maintained during twelve consecutive months there shall be paid, there shall be paid two hundred and fifty thousand dollars with five per centum per annum interest from the date when said twenty-four feet were first obtained.

When a channel twenty-six feet in depth, and not less than three hundred feet in width shall be obtained, there shall be paid five hundred thousand dollars; and when a channel of said depth and width shall have been maintained for twelve months consecutively, two hundred and fifty thousand dollars shall be paid with interest at five per centum per annum from the date when said channel was first

obtained.

When a channel twenty-eight feet in depth and not less than three hundred and fifty feet in width shall be obtained, there shall be paid five hundred thousand dollars; and after said depth and width shall have been maintained for twelve months consecutively, two hundred and fifty thousand dollars shall be paid with interest at six per centum per annum from the date when said twenty-eight feet were first obtained.

When a channel thirty feet in depth and not less than three hundred and fifty feet in width shall be obtained, there shall be paid five hundred thousand dollars; and after such depth and width shall have been maintained for twelve months consecutively, there shall be paid five hundred thousand dollars with interest at five per centum per annum from the date when a channel of said depth and width was first obtained; making a total aggregate of four millions two hundred and fifty thousand dollars for the aforesaid payments, the respective depths and widths of channel being measured at average flood-tide, as ascertained and

determined by the Secretary of War.

When a channel thirty feet in depth and three hundred and fifty feet in width shall have been obtained by the effect of said jettees and auxiliary works aforesaid, the remaining one million dollars shall be deemed as having been earned by said Eads and associates; but said amount shall remain as security in the possesion of the United States for the purposes hereinafter set forth, interest at five per centum per annum on the same being payable to said Eads, his assigns, and legal representatives, semi-annually, from the date when a channel of thirty feet in depth and three hundred and fifty feet in width shall have been first secured, so long as said money, or any part thereof, is held by the United States.

Proviso.

. That after said channel of thirty feet in depth and of not less than three hundred and fifty feet in width shall have been secured, one hundred thousand dollars per annum shall be paid in equal quarterly payments during each and every year that said channel of thirty feet in denth and three hundred and fifty feet in width shall have been maintained by said Eads and his associates by the effect of said jettees [sic] and auxiliary works aforesaid in said pass, for a period of twenty years, dating from the date on which said channel of thirty feet in depth and three hundred and fifty feet in width shall be first secured: Provided, however, That no part of such annual compensation shall be baid for any period of time during which the channel of said pass shall be less than thirty feet in depth and three hundred and fifty feet in width, as hereinbefore specified.

. That the said channel of thirty feet in deoth and SEC. three hundred and fifty feet in width having been maintained for ten years, one-half of the one million dollars hereinbefore mentioned shall be released and paid to said Eads, his assigns, or legal representatives; and said depth and width having been maintained for ten additional years. the remaining half of the said one million dollars shall be released and paid as aforesaid. And if any of said money shall have been paid under the provisions of this act as hereinafter provided, then the residue shall be paid at the

times above stated.

Money expended in excess of reserved, etc.

. That in case said Eads and associates in order ed in excess of annual pay to maintain a channel of thirty feet in depth and three ments may be paid from money hundred and fifty feet in width, shall deem it necessary to expend on said works, during any one or more of said twenty years, any money in excess of the annual payments received by them during said year or years under this act, the Secretary of War shall, on satisfactory proof of such expenditures, authorize, as often as such extra expenditures may require the payment of the same from the said money in pledge, to said Eads or his legal representatives.

And such payments shall be made from the five hundred thousand dollars to be released at the end of ten years before any payment shall be made from the five hundred thousand dollars to be released at the end of twenty years; and if any failure to maintain said channel of thirty feet in depth and three hundred and fifty feet in width shall occur, the date for releasing the said money held in pledge shall be posponed [sic] for an equal period of time, and the compensation for maintaining said channel shall cease until said depth and width shall be again restored, the maintenance of a channel of thirty feet in depth and three hundred and fifty feet in width for twenty years, exclusive of all such periods of failure, being intended by this act.

And at any time after said jettees shall have been com-pleted, and said channel of thirty feet in depth and three hundred and fifty feet in width shall have been obtained,

that the United States may elect to pay the said one million dollars, and stop the payment of said interest and said annual sum of one hundred thousand dollars for the maintenance of said depth and width, said United States shall have the right to do so on payment of said money held as security and in pledge as aforesaid, together with the interest and annual compensation for maintenance which may be earned at the date of such final payment; and on such payment being made by the United States the supervision and maintenance of said jettees [sic] and auxiliary works by said Eads and associates, and all liability on their part shall cease and determine.

. That in order to facilitate the proper location of Survey to be said jettees [sic], which shall not be less than seven hundred feet apart, and to correctly determine such effects as may be produced by them, the Chief of the Coast Survey shall, as soon as practicable, cause a careful topographic and hydrographic survey to be made of said pass and bar, and shall submit the same to the Secretary of War, who shall furnish to said Eads the results of any such survey. And the sum Appropriation of five thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated for said survey and examination.

SEC. . That any person maliciously or intentionally in- penalty for injury to works or juring said works, or interfering with the construction interfering with thereof, shall be deemed guilty of a misdemeanor, and may construction. be tried for such offense before the district court of the United States for the district wherein such offense may be committed; and, if found guilty, he shall be liable to a fine not exceeding one thousand dollars, or to imprisonment for not more than two years, or to both fine and imprisonment as aforesaid, for each offense.

. That the said Eads and his associates shall have materials on pubthe right under such regulations as the Secretary of War lie lands. shall prescribe, to use any materials on the public lands of the United States that shall be suitable for, and may be needed in, the construction of said works.

SEC. That in case of death or other disability of said In event of Eads before the completion of said works, the same shall be ty of Mr. Eads, prosecuted and completed by his legal representatives and cuted. his associates aforesaid, with the same powers, rights, obli-

gations, and compensations as if done by him in person.

Sec. That the Secretary of War be, and he is hereby Secretary of authorized and directed to carry into effect the provisions effect provisions of this act on behalf of the United States, and, when the warrants in paysaid Eads and his associates shall, from time to time, have ment. fulfilled on their part the several foregoing conditions of this act, to draw his warrants upon the Treasurer of the United States in favor of said Eads, or his legal representatives, in payment of the aforesaid amounts as they respectively become due by the provisions of this act.

And it shall be the duty of the Secretary of War to em-Paymer body in his annual reports the payments made from time to

Payments to be

progress of construction

time under this act, and the probable times when other pay-Reports of ments will become due, and to report during the construction of the works herein authorized all important facts relating to the progress of the same, the materials used, and the character and permanency with which the said jettees [sic] and auxiliary works are being constructed, to the end that the Congress of the United States may be kept fully advised as to the faithfulness and efficiency with which the said works are being executed by the said Eads and associates, it being expressly understood that while said Eads shall be entrammeled in the exercise of his judgment and skill in the location, design, and construction of said jettees [sic] and auxiliary works, the intent of this act is not simply to secure the wide and deep channel first above named. but likewise to provide for the construction of thoroughly substantial and permanent works by which said channel may be maintained for all time after their completion. If not being And in case the Secretary of War shall be of the opinion

appointed.

cording to act, that this work is not being constructed according to the spirit and intent of this act, he shall report the same to the President, who shall appoint a commission, consisting of an officer of the Army, an officer of the Navy, and a competent person from civil life, to inspect and examine the works be-If commissioning constructed by said Eads and his associates; and in reportadversely, case the said commission shall report that the works are

before Congress. being constructed upon a design that will not be of a sub-

payments.

stantial and permanent character when completed, all the Suspension of facts in the case shall be laid before Congress at the earliest possible moment, and payments upon said works shall be

suspended until Congress shall otherwise order. Sec.

Payments to be

. That the option of discharging the obligations or bonds at Gov-herein assumed by the United States, either in money or ernment option bonds, is expressly reserved; and the Secretary of the Treasury is hereby directed to issue the bonds of the United States, bearing five per centum interest, of the character and description set out in the act entitled "An act to authorize the refunding of the public debt," approved July fourteenth, eighteen hundred and seventy, to said Eads or his legal representatives, in payment at par of the aforesaid warrants of the Secretary of War, unless the Congress of the United States shall have previously provided for the payment of the same by the necessary United States appropriations of money: Provided, That in no case shall the Government of the United States be liable for any losses incurred by said Eads and his associates in the performance of the work herein mentioned, nor shall any payments thereon be made in excess of the sums nor con-

losses.

Approved, March 3, 1875.

trary to the terms hereinbefore prescribed.

CHAP. 139.—An Act To enable the people of Colorado to form a constitution and State government, and for the admission of the said Vol.18, pt.3, p.474. State into the Union on an equal footing with the original States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That a Colorado made the inhabitants of the Territory of Colorado included in the boundaries hereinafter designated be, and they are hereby, authorized to form for themselves, out of said Territory, a State government, with the name of the State of Colorado; which State, when formed, shall be admitted into the Union upon an equal footing with the original States in all respects whatsoever, as hereinafter provided.

SEC. 12. That five per centum of the proceeds of the sales of agricultural public lands lying within said State landsforinternal which shall be sold by the United States subsequent to the admission of said State into the Union, after deducting all the expenses incident to the same, shall be paid to the said State for the purpose of making such internal improvements within said State as the legislature thereof may direct: Provided, That this section shall not apply to any Proviso. lands disposed of under the homestead-laws of the United States, or to any lands now or hereafter reserved for public or other uses.

Approved, March 3, 1875.

CHAP. 152.—An Act Granting to railroads the right of way Mar. 3, 1875. through the public lands of the United States.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives\ of$ the United States of America in Congress assembled, That Right of way, the right of way through the public lands of the United tion grounds, States is hereby granted to any railroad company duly or-etc., granted to ganized under the laws of any State or Territory, except Vol. 25, pp. 473, the District of Columbia, or by the Congress of the United 654, pp. 532. States, which shall have filed with the Secretary of the 536. Interior a copy of its articles of incorporation, and due proofs of its organization under the same, to the extent of one hundred feet on each side of the central line of said road: also the right to take, from the public lands adjacent to the line of said road, material, earth, stone, and timber necessary for the construction of said railroad; also ground adjacent to such right of way for station-buildings, depots, machine shops, side-tracks, turn-outs, and water-stations, not to exceed in amount twenty acres for each station, to the extent of one station for each ten miles of its road.

SEC. 4. That any railroad-company desiring to secure the Profile of road benefits of this act, shall, within twelve months after the fits, when to be location of any section of twenty miles of its road, if the filed. same be upon surveyed lands, and, if upon unsurveyed

right

right of way.

the United States, file with the register of the land office for the district where such land is located a profile of its Disposal of road; and upon approval thereof by the Secretary of the Interior the same shall be noted upon the plats in said office: and thereafter all such lands over which such right of way shall pass shall be disposed of subject to such right of Forfeiture of way: Provided, That if any section of said road shall not be completed within five years after the location of said section, the rights herein granted shall be forfeited as to any such uncompleted section of said road.

lands, within twelve months after the survey thereof by

Approved, March 3, 1875.

Mar. 3, 1875. CHAP. 166.—An Act To aid in the improvement of the Fox and Vol.18, pt.3, p.506. Wisconsin rivers, in the State of Wisconsin.

[Repealed.]

sion of. Vol. 25, p. 21. Post, p. 476.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Lands, etc., to whenever, in the prosecution and maintenance of the imbe taken posses provement of the Wisconsin and Fox Rivers in the State of Wisconsin, it becomes necessary or proper in the judgment of the Secretary of War to take possession of any lands, or the right of way over any lands, for canals and cut-offs, or to use any earth-quarries or other material lying adjacent or near to the line of said improvement and needful for its prosecution or maintenance, the officers in charge of said works may, in the name of the United States, take possession of and use the same, after first having paid or secured to be paid the value thereof, which may have been ascertained in the mode provided by the laws of the State wherein such property lies. In case any lands or other property is now or shall be flowed or injured by means of any part of the works of said improvement heretofore or hereafter constructed for which compensation is now or shall become legally owing, and in the opinion of the officer in charge it is not prudent that the dam or dams be lowered, the amount of such compensation may be ascer-

Damages.

The Department of Justice shall Department of tained in like manner. Justice to represent the interests of the United States in legal prosent United represent the interests of the United States in legal pro-States ceedings under this act, and for fowage[sic]-damages hereinbefore occasioned.

Part of appro-

Sec. 2. That a portion of the appropriation now made priation may be size. 2. That a portion of the appropriation now made used in payment for the further prosecution of the improvement aforesaid, for property, etc. not exceeding in amount twenty-five thousand dollars, may be applied in payment for the property and rights taken and used as aforesaid.

Approved, March 3, 1875.

CHAP. 172.—An Act For the further security of navigation on the Vol.18, pt. 3, 1875. Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That bridge piers on the Secretary of War be, and he is hereby, authorized and River. directed to inquire into the expediency of causing shearbooms to be placed on the upper end of all or any bridgepiers on the Mississippi River, for the better security and convenience of the navigation of said river for rafts of logs and timber, with specific report in each case.

Approved, March 3, 1875.

**CHAP.** 88.—An Act Making appropriations to supply deficiencies in the appropriations for the fiscal years ending June thirtieth, eighteen hundred and seventy-six, and for prior years, and for other purposes.

May 1, 1876. Vol. 19, p. 41.

Be it enacted by the Senate and House of Representatives. of the United States of America in Congress Assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the propriation service of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-six, and for former vears, and for other purposes, namely:

Deficiency ap-

For topographic and hydrographic survey of the South  $_{Pass.}^{Survey of South}$  Pass and bar at the mouth of the Mississippi River, under  $_{1875,\ c.\ 134.}^{Survey of South}$ act of March third eighteen hundred and seventy-five, two thousand and one hundred dollars and twenty-eight cents.

Approved, May 1, 1876.

CHAP. 123.—An Act Authorizing the residents and property-owners of Neville Township, county of Allegheny, and State of Pennsylvania, to close the channel of the Ohio River on the south side of Neville Island by the construction of an embankment or causeway from the head of said island to the southern shore of said river.

June 12, 1876. Vol. 19, p. 58.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Channel of River on the residents and property-owners of Neville Township, south side of county of Allegheny, and State of Pennsylvania, be, and may be closed. they are hereby, authorized and empowered to close the channel of the Ohio River on the south side of Neville Island, in said township, by the construction of an embankment or causeway from the head of said island to the southern shore of said river: Provided, however, That the Government of the United States shall not be liable for any expenses incurred in the performance of said work, or by reason thereof [a].

Approved, June 12, 1876.

Proviso.

Vol. 32, p. 374. Post, p. 1009,

a Repealed by section 8 of the river and harbor act of June 13, 1902.

July 12, 1876. Vol. 19, p. 89,

CHAP, 184.—An Act To authorize the Northwestern Improvement Company, a corporation organized under the laws of the State of Wisconsin, to enter upon the Menomonee Indian Reservation, and improve the Oconto River, its branches and tributaries.

Improvement Co.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Improvement the assent of Congress be, and hereby is, given to the Northof Oconto River.

Wis., by North-western Improvement Company, a corporation organized western Im under the laws of the State of Wisconsin, to improve the Oconto River and its branches and tributaries, so as to run logs down said river its branches, and tributaries, across the Menomonee Indian reservation, in accordance with the laws of said State: Provided. That any damages which may be caused by such improvement shall be awarded as in all other cases under the laws of the State of Wisconsin, and the amount be paid into the Treasury of the United States

dians.

Damages.

Rights of Me for the benefit of said Indians; and said Indians and all other persons shall be permitted to use said river for the purpose of running logs, as contemplated in this act; and the charges for said privileges shall be regulated by the legislature of the State of Wisconsin: Provided, That all privileges under this act may be altered or revoked by Congress.

Approved, July 12, 1876.

July 31, 1876. Vol. 19, p. 102,

CHAP. 246.—An Act Making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-seven, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums be, and the same are hereby, approfor sundry civil priated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-

River banks at Fort Brown.

For work necessary for the protection of the river banks at Fort Brown, Texas against the encroachments of the Rio Grande ten thousand dollars or so much thereof as may be necessary, to be expended under the directions of the Secretary of War.

Approved, July 31, 1876.

seven, namely:

Aug. 14, 1876. Vol. 19, p. 132.

CHAP. 267.—An Act Making appropriations for the construction, repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums of money be, and are hereby, approrivers and priated, to be paid out of any money in the Treasury not harbors,

Hell Gate.

Duluth

otherwise appropriated, to be expended, under the direction of the Secretary of War, for the repair, preservation, construction, and completion of the following public works hereinafter named.

For the improvement of the harbor at Dunkirk, New Dunkirk.

York, eighteen thousand dollars.

For the improvement of the harbor at Buffalo, New York. Buffalo. eighty-five thousand dollars.

For the improvement of the harbor at Wilson, New Wilson.

York, ten thousand dollars.

For the improvement of the harbor at Oak Orchard, Oak Orchard. New York two thousand dollars.

For the improvement of the harbor at Pultneyville, New Pultnevville.

York three thousand dollars.

For the improvement of the harbor at Great Sodus Bay, Great Sodus New York, five thousand dollars.

For removing obstructions in the East River and Hell Gate, New York, two hundred and fifty thousand dollars.

For the improvement of the natural entrance to Superior Superior Bay.

Bay, Wisconsin, three thousand dollars.

For the improvement of the harbor at Du Luth, Minnesota, fifteen thousand dollars. Said appropriation is made upon the express condition that it shall be without prejudice to either party in the suit now pending between the State of Wisconsin, plaintiff, and the city of Du Luth and the Northern Pacific Railroad, defendants.

For the improvement of the harbor at Ontonagon, Michi-Ontonagon.

gan, fifteen thousand dollars

For the improvement of Eagle Harbor, Michigan, twelve Eagle Harbor.

thousand dollars.

For the improvement of the harbor at Marquette, Michi-Marquette.

gan, two thousand dollars.

For the improvement of the harbor at Frankfort, Michi-Frankfort.

gan, three thousand dollars.

Manistee. For the improvement of the harbor at Manistee, Michigan, fourteen thousand dollars.

Ludington. For the improvement of the harbor at Ludington, Michi-

gan ten thousand dollars.

For the improvement of the harbor at Pentwater, Michi-Pentwater.

gan, ten thousand dollars.

For the improvement of the harbor at White River, White Lake. White

Michigan, five thousand dollars.

For the improvement of the harbor at Muskegan, Michi-

gan, fifteen thousand dollars.

For the improvement of the harbor at Grand Haven, Grand Haven.

Michigan, fifteen thousand dollars.

For the improvement of the harbor at Green Bay, Wis-Green Bay.

consin, eight thousand dollars.

For the improvement of the harbor at Menomonee, Wis- Menominee.

consin, eight thousand dollars. For the improvement of the harbor at Ahnepee, Wiscon- Ahnapee, sin, eight thousand dollars.

Two Rivers. For the improvement of the harbor at Two Rivers, Wisconsin, five thousand dollars.

Falls of St. An- For the improvement of the falls of Saint Anthony, Minnesota, one hundred and twenty thousand dollars.

Minnesota For the improvement of Minnesota River, Minnesota, ten thousand dollars.

Toledo. For the improvement of the harbor at Toledo, Ohio, sixty thousand dollars.

Sandusky. For the improvement of the harbor at Sandusky City Ohio, twenty-five thousand dollars.

Vermilion. For the improvement of the harbor at Vermillion, Ohio five thousand dollars.

Cleveland. For a breakwater at Cleveland Harbor, Ohio, fifty thousand dollars.

Agreement to sand dollars; and the Secretary of War is hereby authorbe made with and ized to agree with the Pittsburgh and Cleveland Railroad Pittsburgh R.R. Company for such use and occupancy of said pier as is consistent with the public interests, upon such terms and conditions as he deems reasonable and just; and in case said railroad company shall neglect or refuse to make an agreement satisfactory to the Secretary of War, upon a certificate of that fact to the Attorney-General it shall be the duty of the latter officer to enforce the rights of the United States in the premises by appropriate action.

For repair of east pier at Cleveland, Ohio, eight thou-

Connecticut For the improvement of Connecticut River below Hartford Connecticut, twenty thousand dollars.

Fall River. For the improvement of the harbor at Fall River, Massachusetts, ten thousand dollars.

New Bedford. For the improvement of the harbor at New Bedford, Massachusetts, ten thousand dollars.

Fenobscot For the improvement of Penobscot River, Maine, ten thousand dollars; four thousand dollars of which shall be expended at or near the "Narrows" in said river at Bucksport.

Cocheco River. For the improvement of Cocheco River, New Hampshire, fourteen thousand dollars.

For the improvement of the harbor at Burlington, Vermont, twenty thousand dollars.

Swanton. For improvement of the harbor at Swanton, Vermont, two thousand dollars.

Chester. For the construction of Ice Harbor at Chester, Pennsylvania, two thousand six hundred dollars.

Passaic River. For the improvement of Passaic River, New Jersey, ten thousand dollars.

wilmington. For removing obstructions from, and the improvement of, the harbor at Wilmington, Delaware, sixteen thousand dollars.

Lewes. For the construction of piers in Delaware Bay near Lewes, Delaware, thirty thousand dollars.

Chicago. For the improvement of the harbor at Chicago, Illinois, five thousand dollars.

Rapids. For the improvement of the Des Moines Rapids, Mississippi River, two hundred and thirty thousand dollars.

Pamlico River.

For the improvement of the harbor at Baltimore, Maryland, seventy-five thousand dollars.

Rappahannock For the improvement of the Rappahannock River, Vir-River,

ginia, ten thousand dollars.

James River. For the improvement of James River, Virginia, sixty thousand dollars.

For the improvement of Cape Fear River, North Carolina, River.

one hundred and thirty-two thousand five hundred dollars.

For the improvement of the French Broad River between River. Broad Brevard and the Buncombe County line. North Carolina. ten thousand dollars.

For the improvement of Pamlico River, North Carolina.

fifteen thousand dollars.

For the improvement of the Hiawassee River, Tennessee, River, River.

ten thousand dollars.

For the improvement of Cumberland River above the Cumberland city of Nashville, Tennessee, from Nashville to the Kentucky line, fifteen thousand dollars; and thence to the foot of Smith's Shoals, ten thousand dollars; and for Smith's Shoals, twenty-five thousand dollars; and from Smith's Shoals to the Falls of the Cumberland, two thousand dollars.

For the improvement of the Great Kanawha River, West River, Virginia, including the purchase of, and full payment for,

·sites for dams and locks, between the Great Falls and the Ohio River, not exceeding fifteen thousand dollars, two hundred and seventy thousand dollars.

For removal of Beaver and Nailor Bend rocks, and for wha River. cleaning out snags and fallen trees in the Little Kanawha.

West Virginia, seven thousand and three hundred dollars. For the improvement of the harbor at Savannah,

Georgia, sixty-two thousand dollars.

For the improvement of the Chattahoochie and Flint Chattahoochee and Flint rivers.

Rivers, Georgia, twenty thousand dollars.

For continuing the work of dredging and removing Cypress Bayou. obstructions to navigation in Cypress Bayou, Texas, thirteen thousand dollars.

For the improvement at Sabine Pass, and for improve-Sabine Pass, ment of Blue Buck Bar and Sabine Bay, and for deepening ches rivers. the channel over the bar at the mouth of the Sabine River. and for deepening of the channel over the bar at the mouth of Neches River, where these rivers enter Sabine

Bay, thirty-eight thousand dollars.

For the improvement of Pass Cavallo, inlet to Matagorda Pass Cavallo.

Bay, Texas, twenty thousand dollars.

Coosa River. For the improvement of the Coosa River, Georgia and Alabama between Rome and the Selma, Rome and Dalton

Railroad bridge, thirty thousand dollars.

For the improvement of Ouchita River, Arkansas and Ouachita River.

Louisiana, twelve thousand dollars.

For the improvement of the harbor at Cedar Keys, Cedar Keys.

Florida, ten thousand dollars.

For the improvement of the Lower Willamette and Lower Willa-Columbia Rivers from Portland, Oregon, to the sea, lumbia rivers. twenty thousand dollars.

Upper Willa- For the improvement of the Upper Willamette River, Oregon, twenty thousand dollars.

Upper Columbia, including

Snake River, fifteen thousand dollars.

Oakland Harbor, California, to be applied to finishing training walls and dredging between them, seventy-five thousand dollars.

San Joaquin For the improvement of San Joaquin River, California,

twenty thousand dollars.

Delaware Riv- For the improvement of the Delaware River below Petty's Island, forty thousand dollars.

Red River. For removing raft in Red River and closing Tone's

Bayou, Louisiana, thirty-five thousand dollars.

Little Sodus For the improvement of the harbor at Little Sodus Bay, New York, five thousand dollars.

Schuylkill For the improvement of the Schuylkill River, Pennsyl-

vania twenty thousand dollars.

For the improvement of the harbor at Bridgeport, Connecticut, ten thousand dollars.

Southport. For improvement of the harbor at Southport, Connecticut, five thousand dollars.

(Holland). For the improvement of the harbor at Black Lake, Michigan, fifteen thousand dollars.

Saugatuck. For the improvement of the harbor at Saugatuck,

Michigan, three thousand dollars.

For the improvement of the harbor at Saint Joseph's, Michigan, twelve thousand dollars.

Manitowoc. For the improvement of the harbor at Manitowoc, Wisconsin, eight thousand dollars.

Sheboygan. For the improvement of the harbor at Sheboygan, Wisconsin, six thousand dollars.

For the improvement of the harbor at Port Washington, Wisconsin, eight thousand dollars.

Oswego. For the improvement of the harbor at Oswego, New York, ninety thousand dollars.

Hudson River. For the improvement of Hudson River, fifty thousand dollars.

Appoint For the improvement of the Appoint River, Virginia, thirty thousand dollars.

South Branch, For the improvement of the South Branch of Elizabeth

Nansemond River, Virginia, five thousand dollars.
River. For the improvement of Nansemond River, Virginia,

five thus and dollars.

Yazoo River. For the improvement of the Yazoo River, Mississippi, fifteen thousand dollars.

White River. For the improvement of White River at Buffalo Shoals, Arkansas, ten thousand dollars.

Perquimans For the improvement of Perquimons River, North Carolina, two thousand five hundred dollars.

Charleston. For the improvement of the harbor at Charleston, South Carolina, ten thousand dollars.

Etowah River. For the improvement of the Etowah River, Georgia, ten thousand dollars.

Saginaw River.

For the improvement of the Ocmulgee River, Georgia, or Ocmulgee Rivfifteen thousand dollars.

For the improvement of New River from the lead-mines in Wythe County, Virginia, to the mouth of Green-brier

River, West Virginia, fifteen thousand dollars.

For the improvement of the harbor at Norfolk, Vir-

ginia, thirty-five thousand dollars.

nia, thirty-nive thousand donars.

For the improvement of the Warrior and Tombigbee Warrior and riv-River, Alabama, fifteen thousand dollars.

For the improvement of the Choctawhatchie River, Choctaw-

Florida and Alabama, five thousand dollars.

For continuing the improvement on the outer bar at Galveston, Texas, one hundred and forty-two thousand dollars.

For the improvement of the Missouri River above the Missouri River above the R

mouth of the Yellowstone, twenty thousand dollars.

For the improvement of Chester River at Kent Island Chester River. Narrows, Maryland, five thousand dollars.

For the improvement of the Wicomico River[a], Mary- or Wicomico Riv-

land, five thousand dollars.

Michigan City. For the improvement of the harbor at Michigan City,

Indiana, thirty-five thousand dollars.

For the improvement of the channel of the Mississippi Mississippi River opposite River opposite the city of Saint Louis, Missouri, by the St. Louis, Mo. construction of a low dam across the channel east of Arsenal Island, known as Cahokia Chute, and in the revetment of said island, twenty-nine thousand, six hundred dollars.

For the improvement of the Rush Chute and the harbor Burlington.

of Burlington, Iowa, ten thousand dollars.

Fort Madison. For the improvement of the harbor at Fort Madison, Iowa, ten thousand dollars.

South Haven. For the improvement of the harbor at South Haven,

Michigan, ten thousand dollars.

For the improvement of Saint Mary's River and Saint St. Marys River, etc. Mary's Falls Canal, Michigan, one hundred and thirty thousand dollars.

For the improvement of the harbor at Cheboygan, Mich-Cheboygan.

igan, ten thousand dollars.

For the improvement of Au Sable River, Michigan, one and Sable River, thousand dollars.

For the improvement of the Saginaw River Michigan.

eleven thousand dollars. Milwaukee.

For the improvement of the harbor at Milwaukee, Wisconsin, twenty-six thousand dollars.

Kenosha. For the improvement of the harbor at Kenosha, Wis-

consin, eight thousand dollars.

For the improvement of the Mississippi River above Mississippi the Falls of Saint Anthony, twenty thousand dollars; no of St. Anthony. part of which shall be expended upon the Falls of Saint Anthony.

For the improvement of the harbor at Monroe, Michigan,

five thousand dollars.

Charlevoix. For the improvement of the harbor at Charlevoix, Michigan, ten thousand dollars.

Thunder Bay For the improvement of the harbor at Thunder Bay, Michigan, four thousand five hundred dollars.

Ashtabula. For the improvement of the harbor at Ashtabula, Ohio,

five thousand dollars.

Port Clinton. For the improvement of the harbor at Port Clinton, Ohio,

five thousand dollars.

Fairport. For the improvement of Fairport Harbor, Ohio, five

thousand dollars.

River For repair of piers at mouth of Black River, Ohio, six

(Lorain) Black River For repair of piers at mouth of Black River, Ohio, six thousand dollars.

Fox and Wisconsin Rivers, two hundred and seventy thousand dollars.

For the improvement of the Fox and Wisconsin Rivers, two hundred and seventy thousand dollars.

For the improvement of the harbor at Erie, Pennsyl-

vania, forty thousand dollars.

Block Island. For the improvement of the breakwater at Block Island, Rhode Island, forty thousand dollars.

For the improvement of the Boston Harbor, Massachusetts, fifty thousand dollars.

Edittle Narragansett Bay, Rhode Island and Connecticut, five thousand dollars.

Kennebunk River, Maine, fiver the improvement of the Kennebunk River, Maine, five thousand dollars.

For the improvement of Belfast Harbor, Maine, five thousand dollars.

For the improvement of the harbor at Rondout, New York, thirty thousand dollars.

Port Jefferson. For the improvement of the harbor at Port Jefferson,
Long Island, New York, six thousand dollars.

Staten Island For the improvement of the channel between Staten

Staten Island For the improvement of the channel between Staten Island and New Jersey, ten thousand dollars.

Provincetown. For the improvement of the harbor at Provincetown.

Massachusetts, four thousand dollars.

For the construction of piers of Ice Harbor, and removing obstructions at New Castle, Delaware, twelve thousand dollars.

Sandbeach (Harbor Beach). Huron, Michigan, including removal of the wreck of the "City of Buffalo," seventy-five thousand dollars.

For the improvement of the Chippewa River, Wisconsin, ten thousand dollars.

Wabash River. For the improvement of the Wabash River, Indiana, seventy thousand dollars.

For the improvement of the harbor at Calumet, Illinois, twenty thousand dollars.

Illinois River. For the improvement of the Illinois River, Illinois, forty thousand dollars.

Red River of For the improvement of the Red River of the North, Minnesota, ten thousand dollars.

Upper Mississippi River.

For the improvement of the Upper Mississippi River,
thirty thousand dollars; and seven thousand dollars thereof
may be applied, if the Secretary of War shall deem it for
the public interest, in constructing the necessary machinery

used in Captain Edward Bell's process for building wing-dams. Bell's wing dams, and applying said process in the improvement of said river.

For the improvement of Rock Island Rapids, Mississippi Rapids

River, twenty-five thousand dollars.

For the improvement of the Mississippi, Missouri, and Miss Arkansas Rivers, one hundred thousand dollars: Provided. Arkansas rivers. That ten thousand dollars thereof shall be expended for removing the bar at Fort Smith, Arkansas: And provided further, That forty thousand dollars of the above sum shall be expended on the Missouri River, including improvements opposite Saint Joseph, Missouri, and at Nebraska City.

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For the improvement of the Mississippi River between Mississippi the mouths of the Illinois and Ohio Rivers, (fifteen thousand dollars of which are to be expended between the mouths of the Illinois and Missouri Rivers, and thirty thousand dollars of which are to be expended between the foot of Dickey Island and the mouth of the Ohio River, and five Howexpended. thousand dollars of which are to be expended between islands Number Fourteen and Number Fifteen near the town of Kaskaskia, Illinois,) two hundred thousand dollars.

For removal of a bar in the Mississippi River opposite River opposite Bubuque. Iowa, fifteen thousand dollars.

Mississippi Opposite Dubuque. Dubuque, Iowa, fifteen thousand dollars.

For the improvement of the Ohio River, one hundred and

Ohio River.

seventy-five thousand dollars.

For the annual expense of gauging the waters of the Lower Missis-Lower Mississippi and its tributaries and for continuing waters. Observations of the rise and fall of the same, as required 1871; R. S., § 252, by joint resolution of February twenty-first, eighteen hun-p. 1021. dred and seventy-one, five thousand dollars.

For the improvement of the Tennessee River, two hun-er. Tennessee Rivdred and seventy thousand dollars; fifteen thousand dollars of which are to be expended above Chattanooga, and the remaining two hundred and fifty five thousand dollars are

to be expended upon Muscle Shoals.

To ascertain in current and next fiscal years, as required South Pass of Mississippi, by act of March third, eighteen hundred and seventy-five. depth. the depth of water and width of channel secured and maintained, from time to time, by James B. Eads, at South Pass of the Mississippi River, and to enable the Secretary of War to report during the construction of the work the payments made from time to time and the probable times of other payments, and to report during the construction of the work all important facts relating to the progress of the same, materials used, and the character and permanency with which the said jettee and auxiliary works are being constructed, fifteen thousand dollars.

For the construction of a canal around the cascades of Columbia Rivthe Columbia River in the State of Oregon, ninety thousand dollars; of which amount the Secretary of War is authorized to expend so much as, in his judgment, may be necessary and proper to secure title and right of way for canal and locks, not exceeding the sum of ten thousand dollars;

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and whenever, in the prosecution of the said work, it shall have become necessary to obtain the right of way over any lands for the said canal and locks, the Secretary of War shall take possession of and use the said lands. after having purchased the same, or, in case the said lands can not be purchased for a reasonable price, then after having paid for the same, or secured the value thereof, which value may be ascertained in the mode provided by the laws of Oregon for the condemnation of lands for public uses in that State. The Department of Justice shall represent the interests of the United States in any legal proceedings under this act to obtain the right of way for said canal.

Recine.

For the improvement of the harbor at Racine, Wisconsin

eight thousand dollars. Galveston Bay.

For the continuing of the work on the ship channel in Galveston Bay, seventy-two thousand dollars; to be ex-

pended between Red Fish Bar and Morgan's Point.

Mouth of Mississippi River. Promiso.

For the improvement of the mouth of the Mississippi River, one hundred thousand dollars: Provided, That this appropriation shall not be available whenever and so long as there shall be an open channel of eighteen feet of water. at mean tide, to and from the sea through the South Pass of the Mississippi River to the port of New Orleans.

pended.

How appropriations to be applied and ex- the moneys herein appropriated as far as may be by contract, except when specific estimates can not be made for the particular work, or where, in the judgment of said Secretary, the work can not be contracted at prices advantageous to the Government, and except the appropriations made for examinations and surveys; and such contracts shall be made after sufficient public advertisement for proposals, in such form and manner as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

Survey of ship channel in Galveston Bay.

Sec. 2. That the Secretary of War is hereby directed to cause a survey for a ship channel through Galveston Bay, beginning at twelve feet water in the mouth of the San Jacinto River and running out of the mouth of said river east of Morgan's Point to the present channel, through Red Fish Bar; thence through the same, extending through Galveston Harbor, passing west of Half-Moon Shoals and Pelican Island, and to twelve feet water in Galveston Channel; and to cause an estimate of the cost of the same to be made and of the comparative merits of the same, with the route to the head of Bolivar Channel; and of the effects of the completion of each of said channels on the Galveston Harbor as to shoaling or deepening the same, and report the same to Congress by the first day of December, eighteen hundred and seventy-six, the cost thereof, not to exceed ten thousand dollars, to be paid out of the forty thousand Repairs and dollars hereinafter appropriated. And the sum of forty

thousand dollars is hereby appropriated for incidental repairs of harbors for which there is no special appropriation provided for by law, and for examination and survey of such rivers and harbors, as in the judgment of the Secretary of War, will subserve the general interests of commerce.

SEC. 3. That the Secretary of War is hereby directed to retary of War of report to Congress on the first Monday of December next necessary legislation, in his opinion, is necessary to protect the lation and unbreakwaters, piers, and other public works constructed by piers, etc. the United States against trespasses upon or injury thereto; and the Secretary of War is hereby directed to report to Congress at its next session all the instances in the United States in which piers, breakwaters, or other structures or works built or made by the United States in aid of commerce or navigation, are used, occupied, or injured by a corporation or an individual, and the extent and mode of such use, occupation, or injury, and the facts touching the same. Any person who shall wilfully and unlawfully injure any pier, breakwater, or other work of the United States for the improvement of rivers or harbors, or navigation in the United States, shall, on conviction thereof, be punished by a fine not exceeding one thousand dollars.

Approved, August 14, 1876.

CHAP. 105.—An Act Making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1878, and for other purposes.

Mar. 3, 1877.
Vol. 19, p. 344.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations, the following sums be, and the same are hereby, appropripenses. ated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-eight, namely:

The requisite amount is hereby appropriated out of any James B. Eads. money in the Treasury not otherwise appropriated, to pay Mississippi all money that may become due and owing to James B. River. 1875, c. 134; 18 Eades [Eads] and his associates in in accordance with the Stat., 463. provisions of the act approved March third eighteen hundred and seventy-five, prior to the first of February, eighteen hundred and seventy-eight.

Approved, March 3, 1877.

[No. 2.] Joint Resolution Relative to reservoirs to promote the navigation of the Mississippi River.

Dec. 15, 1877. Vol. 20, p. 246.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Reservoirs on the Secretary of War be, and he is hereby, requested to etc., examinamake such preliminary examination of the headwaters of the Saint Croix, Chippewa, and Wisconsin rivers, in the

States of Minnesota and Wisconsin, as is consistent with his service, to determine the extent and practicability of reservoirs upon the same, and report to this Congress the result of such examination, together with a compilation of all information and reports in his office bearing upon the subject of reservoirs, by February fifteenth proximo, or as early thereafter as practicable. And that he also report the estimated amount and character of the lands which would be submerged by such reservoirs.

Approved, December 15, 1877.

Feb. 7, 1878. Vol. 20, p. 24. CHAP. 13.—An Act For the removal of obstructions from the Mississippi, Missouri, Arkansas and Red rivers and for the preservation of the public property.

Removing object of the United States of America in Congress assembled, That Missispipi and the sum of forty thousand dollars be and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the War Department, for the removal of snags and other obstructions from the Mississippi, Missouri, and Arkansas Rivers, and for the preservation of the government vessels

in that service.

Opening navigation, Red River, La.

SEC. 2. That the sum of six thousand dollars be and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the War Department, for the purpose of opening the navigation of Red River above Shreveport in the State of Louisiana, and keeping said navigation open and free from rafts, and for the purpose of preserving the vessels and boats of the United States employed in that work.

To take effect.

Sec. 3. That this act take effect from the date of its passage.

Approved, February 7, 1878.

Apr. 10, 1878. Vol. 20, p. 36.

**CHAP. 58.**—An Act To authorize the Secretary of War to prescribe rules and regulations to be observed in the preparation, submission, and opening of bids for contracts under the War Department.

Bids for contracts under War Department.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is hereby authorized to prescribe rules and regulations to be observed in the preparation and submission and opening of bids for contracts under the War Department; and he may require any bid to be accompanied by a bond in such penal sum as he may deem advisable, with good and sufficient security, conditioned that the bidder will enter into a contract agreeably to the terms of his bid, if the same be awarded to him within sixty

days from the date of the opening of the bids, or otherwise pay the penalty. No bid shall be withdrawn by the bidder within the said period of sixty days.

Approved, April 10, 1878.

CHAP. 75.—An Act To provide for deficiencies in the appropriations for the service of the Government for the fiscal year ending June 30, 1878, and for prior years, for subsistence of the Army, and for other purposes.

Apr. 30, 1878. Vol. 20, p. 41.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That perficiency propriations, the following sums be, and the same are hereby, appropriated out of any money in the Treasury not otherwise appropriated, for the objects hereinafter expressed, namely:

Deficiency ap-

To pay the current expenses of operating the Des Moines Moines Rapids Canal on the Upper Mississippi River until July first, eighteen hundred and seventy-eight, seven thousand five hundred dollars, or so much thereof as may be necessary, the same to be expended under the direction of the Secretary of War.

Approved, April 30, 1878.

CHAP. 161.—An Act Making further appropriations for continuing the improvements of Galveston Harbor, State of Texas.

June 7, 1878. Vol. 20, p. 100.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Galveston Harthe sum of seventy-five thousand dollars be, and the same is hereby, appropriated, out of any moneys not otherwise appropriated, for the purpose of continuing the improvements of Galveston Harbor, in the State of Texas; which improvements are now being prosecuted under the direction of the Secretary of War, and the appropriation for which is substantially exhausted; and that the said sum be expended under his direction.

Approved, June 7, 1878.

CHAP. 191.—An Act Making appropriations to supply deficiencies in the appropriations for the fiscal year ending June 30, 1878, and prior years, and for those heretofore treated as permanent, for re-appropriations and for other purposes.

June 14, 1878. Vol. 20, p. 115.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Balances surplus fund made. SEC. 2. That the following balances of appropriations, 1874, c. 328; 18 carried to the surplus fund under the provisions of the fifth section of the act approved June twentieth, eighteen hundred and seventy-four, being required to complete the service of the fiscal year eighteen hundred and seventy-five, and prior years, are hereby continued and rendered available for such purpose, namely:

Surveys of western, etc., rivers. For examination and surveys on western and northwestern, etc., rivers. Western rivers, there is reappropriated from the balance of stat., 300.

1870, c. 292; 16 fifty thousand dollars appropriated by act of July fifteenth, eighteen hundred and seventy, the sum of three hundred and thirty-four dollars and forty cents.

Alluvial basin, For balance of twenty-five thousand dollars appropriated
Mississippi. 1874, c. 411; 18 by act of June twenty-second, eighteen hundred and seventy four, for commission to investigate and report plan
for reclamation of alluvial basin of Mississippi River, five
thousand dollars.

Approved, June 14, 1878.

June 15, 1878.

Vol. 20, p. 140.

CHAP. 216.—An Act To authorize the Barataria Ship Canal Company to construct and operate a ship-canal from New Orleans to the Gulf of Mexico, through the lands and waters of the United States, and to grant to said company the right of way for that purpose.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Barataria Ship-Canal Company, a body corporate of the State of Louisiana, created by an act of the legislature of said State, approved April twenty-fourth, eighteen hundred and seventy-seven, be, and the same is hereby, granted the right of way through the lands and waters of

ay, granted the right of way through the lands and waters of the United States, to enable said company to construct and operate a ship-canal from a point at or near the city of New Orleans to the Gulf of Mexico, through the Barataria Bay, in the State of Louisiana, with power and authority to construct and maintain all necessary harbors, locks, dams, dikes, levees, and piers: *Provided*, The same shall in no manner interfere with or affect the usual and ordinary navigation of said waters where they are not confined

either by piers or canal banks constructed by said company, and necessary for the use and operation of said canal: And provided further, That Bayou Villars shall not be closed by said canal company.

SEC. 2. That in the transportation of military or naval stores, troops, or munitions of war of the United States, such rates of toll only shall be charged as may be prescribed by the Secretary of War; and that the tolls or tonnage charges of said company shall not exceed one dollar per ton on the tonnage measurement of any vessel for the

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Rates of toll.

round trip through said canal, or half said sum for less than the round trip; and not exceeding twenty-five cents for each passenger through said canal either way: Provided. That vessels of five tons burden and less shall be exempt from tolls for the use of said canal when they do not pass through the locks: And provided further, That no tolls shall be charged on any boats or vessels navigating any of the waters on the line of said canal, which could have been navigated by such vessels had such canal not been built.

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Approved, June 15, 1878.

CHAP. 264.—An Act Making appropriations for the construction, repair, preservation, and completion of certain public works on rivers Vol. 20, p. 152. and harbors, and for other purposes.

June 18, 1878.

Chester River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the repair, preservation, construction, and completion of the public works hereinafter named:

For improving Chester River, at Kent Island Narrows,

Maryland, three thousand dollars.

Baltimore. For improving harbor at Baltimore, Maryland, seventy-

five thousand dollars.

For improving Wicomico River[a], Maryland, five Wicomico thousand dollars.

For improving James River, Virginia, seventy thousand James River.

dollars.

For improving Appomattox River, Virginia, thirty Appomattox thousand dollars.

For improving Great Kanawha River, West Virginia, Kanawha

two hundred and twenty-two thousand dollars.

For improving New River, from Lead Mines in Wythe New River. County, Virginia, to mouth of Greenbrier River, fifteen thousand dollars.

For improving Cape Fear River, North Carolina, one Cape Fear

hundred and sixty thousand dollars.

For improving mouth of Occoquan River, Virginia: Occoquan Completing the improvement, ten thousand dollars.

For improving Aquia Creek, Virginia: Completing the

improvement, five thousand dollars. For improving the Rappahannock River, Virginia, thir-Rappahannock

teen thousand five hundred dollars. For improving South Branch of Elizabeth River, Vir-River.

ginia, five thousand dollars.

For continuing construction of ice harbor at New Castle, Newcastle. Delaware, ten thousand dollars.

Norfolk For improving harbor at Norfolk, Virginia, and its approaches, fifty thousand dollars.

For improving French Broad River, North Carolina, fif-French Broad River.

teen thousand dollars. For improving Nansemond River, Virginia: Completing

River. the improvement, two thousand dollars. For improving harbor at Charleston, South Carolina, two Charleston

hundred thousand dollars.

For improving harbor at Savannah, Georgia, seventy Savannah thousand dollars.

For improving harbor at Cedar Keys, Florida, twenty Cedar Kevs. thousand dollars.

Apalachicola For improving Apalachicola River, Florida, eight thousand dollars.

Chattahoochee River.

Nansemond

For improving Chattahoochee River, Alabama and Georgia, eighteen thousand dollars.

Alabama River. For improving Alabama River, twenty-five thousand dollars.

St. Johns Riv-For deepening the barat the mouth of Saint John's River. Florida, ten thousand dollars.

Port Clinton. For Port Clinton, Ohio, ten thousand dollars.

Flint River. Warrior and Tombigbee riv-

For improving Flint River, Georgia, ten thousand dollars. For improving the Warrior and Tombigbee Rivers, Alabama and Mississippi, forty thousand dollars; of which sum twenty-eight thousand dollars shall be expended on the Warrior and Tombigbee and twelve thousand dollars on

the Tombigbee above Columbus.

Galveston Bay. 1876, c. 267; 19 Stat., 138.

For improvement of ship channel in Galveston Bay, Texas. between Boliver Channel and Red Fish Bar, seventyfive thousand dollars; and the appropriation made for this work by the act of fourteenth of August, eighteen hundred and seventy-six, is hereby made available for the same part of said channel.

Mississippi and Arkansas rivers.

For improving Mississippi and Arkansas Rivers: Continuing operations, removing snags, and other obstructions, one hundred and eighty thousand dollars; of which sum ten thousand dollars shall be used for removing the bar in the Arkansas River at Fort Smith.

For the survey of the Missouri River from its mouth to Missouri River. Sioux City, and estimates for the improvement and maintenance of its navigation, fifty thousand dollars.

Missouri River. For the improvement of the Missouri River: Removal of snags, wrecks, and so forth, seventy thousand dollars.

Galveston Har-For improving entrance to Galveston Harbor, Texas, bor. fifty thousand dollars.

Sabine Pass. For improving Sabine Pass, Texas, deepening channel at the entrance and at Blue Buck Bar, thirty thousand dollars.

Pass Cavallo For improving Passo Cavallo Inlet into Matagorda Bay, Inlet. Texas, twenty five thousand dollars.

Ouachita River. For improving Ouachita River, Arkansas and Louisiana, ten thousand dollars.

Yazoo River. For improving Yazoo River, Mississippi, twenty-five thousand dollars.

For removing raft in Red River and closing Tones Bayou. Louisiana, twenty-four thousand dollars.

For improving Cypress Bayou, Texas and Louisiana, Cypress Bayou.

fifteen thousand dollars.

For annual expense of gauging the waters of the Lower sippi River. Mississippi River and its tributaries: Continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twentyfirst, eighteen hundred and seventy-one, five thousand dollars.

For improving White and Saint Francis Rivers, Ar- White and St. Francis rivers. kansas, forty thousand dollars.

Missouri River. For improving the Missouri River, opposite or near Saint

Joseph, Missouri, fifty thousand dollars.

For improving mouth of Red River, Louisiana, one hun-

dred and fifty thousand dollars.

For removing obstructions in Pocomoke River, Mary-Pocomoke

land, ten thousand dollars.

For the improvement of the Missouri River at Council Bluffs, Iowa, and Omaha, Nebraska, fifty thousand dollars.

For improving the Missouri River at Nebraska City, Ne-

braska, twenty thousand dollars.

For improvement of L'Anguille River, Arkansas, ten L'Anguille

thousand dollars. For removing bar in Mississippi River, opposite Du-Mississippi buque, Iowa, ten thousand dollars.

For improving Rush Chute and the harbor of Burlington,

Iowa, ten thousand dollars.

For improving harbor at Fort Madison, Iowa, eight thou-

sand dollárs. For improving Rock Island Rapids, Mississippi River, Rock Island

thirty thousand dollars.

For improving Illinois River, seventy-five thousand dol- Illinois River. lars.

For the improvement of the Mississippi River, between Mississippi the mouths of the Ohio and Illinois Rivers, two hundred and forty thousand dollars; of which sum twenty thousand dollars shall be expended between the mouths of the Illinois and Missouri Rivers; seventy-five thousand dollars for constructing dam at Cahokia Chute, opposite Saint Louis, forty thousand dollars between the foot of Dickey's Island and the mouth of the Ohio River; and ten thousand dollars between Islands Numbers Fourteen and Fifteen, near the town of Kaskaskia, Illinois.

For removing snags and other obstructions from Red

River, Louisiana, twenty-five thousand dollars.

Missouri River. For the improvement of the Missouri River above the

mouth of the Yellowstone, thirty thousand dollars.

For the improvement of the Mississippi River: Widening River. and deepening the channel from Saint Paul to Des Moines

Rapids, two hundred and fifty thousand dollars. For widening and deepening the channel of the Missis-Mississippi

sippi River from Des Moines Rapids to the mouth of the Ohio, one hundred thousand dollars.

Red River.

Red River.

Missouri River.

Missouri River.

Burlington.

Fort Madison.

Red River.

Mobile Harbor.

For the improvement of Mobile Harbor, ten thousand dollars, to be applied to making tests, surveys, and borings to determine whether the ship-channel now leading from the lower anchorage in Mobile Bay can be deepened so as to admit vessels drawing twenty-two feet, or any less draught above thirteen feet, to the wharves at the city of Mobile.

Cumberland

For the improvement of Cumberland River above Nashville, Tennessee, sixty thousand dollars; of which sum twenty thousand dollars shall be expended between Nashville and the Kentucky line; thence to the foot of Smith's Shoals, eight thousand dollars; and for Smith's Shoals, thirty thousand dollars; thence to the falls of the Cumberland, two thousand dollars.

Minnesota River. Red River.

For improving Minnesota River, ten thousand dollars. For improving Red River of the North, Minnesota,

thirty thousand dollars.

Tennessee River.

For improving Tennessee River: Continuing operations above Chattanooga, fifteen thousand dollars; continuing operations below Chattanooga, including Muscle Shoals, three hundred thousand dollars: fifteen thousand dollars of which sum, or so much thereof as may be necessary, to be expended in the improvement of Duck River Shoals, on Tennessee River.

Cumberland River.

For improving Cumberland River, below Nashville, Tennessee, forty-five thousand dollars.

Cooss River.

For improving Coosa River, between Rome, Georgia, and the Selma, Rome and Dalton Railroad bridge, Alabama, seventy-five thousand dollars.

Hiwassee For improving Hiawassee River, Tennessee, ten thou-

sand dollars.

Ocmulgee For improving Ocmulgee River, Georgia, fifteen thou-River. sand dollars.

Oostenaula

For improving Oostenaula and Coosawattee Rivers. and Coosawattee Georgia, four thousand dollars. Little Kana-

wha River.

For improving Little Kanawha River, West Virginia, eighteen thousand dollars.

Wabash River. For improving Wabash River, Indiana, fifty thousand dollars.

Superior Bay.

For dredging Superior Bay, Wisconsin: Improving natural entrance to Superior Bay, three thousand dollars; continuing improvement of the harbor of Duluth, thirty thousand dollars.

Ontonagon.

For improving harbor at Ontonagon, Michigan, fifteen thousand dollars.

Eagle Harbor.

For improving Eagle Harbor, Michigan, eight thousand dollars.

Marquette.

For improving harbor at Marquette, Michigan, two thousand dollars.

Menominee.

For improving harbor at Menomonee, Wisconsin, ten thousand dollars.

Green Bay.

For improving harbor at Green Bay, Wisconsin, five thousand dollars.

Sturgeon Bay. For improving harbor of refuge, entrance at Sturgeon Bay Canal, thirty thousand dollars.

Ahnapee. For improving harbor at Ahnapee, Wisconsin, eight

thousand dollars.

Two Rivers. For improving harbor at Two Rivers, Wisconsin, ten thousand dollars.

For improving harbor at Manitowoc, Wisconsin, fifteen

thousand dollars. For improving harbor at Shebovgan, Wisconsin, four

thousand dollars. Port Washing-For improving harbor at Port Washington, Wisconsin, ton.

five thousand dollars.

For improving the Mississippi River from the bridge of Mississippi River. the Chicago, Milwaukee and Saint Paul Railroad Company above La Crosse, Wisconsin, to the mouth of Root River, below said city, twelve thousand five hundred dollars.

For improving and deepening the channel of the Ohio River, including the removal of snags, wrecks, and so forth, from Pittsburgh to its mouth, three hundred thousand dollars; of which sum fifty thousand dollars shall be expended at Grand Chain for removal of obstructions and deepening the channel at that point.

For the construction of a harbor or harbors of refuge at or near Cincinnati, to protect the commerce of the Ohio River from floes of ice, fifty thousand dollars, to be expended under the direction and control of the Engineer

Corps of the Army.

For improvement of the harbor at New Orleans, Louisiana, including cost of surveys and estimates fifty thousand dollars.

For the improvement of Monongahela River, West Vir-Monongahela ginia and Pennsylvania, to be expended in completing lock and dam at Hoard's Rocks, twenty-five thousand dollars.

For the improvement of harbor at Michigan City, Indiana, seventy-five thousand dollars; of which sum twentyfive thousand dollars shall be expended for the improvement of the inner harbor.

For the improvement of Gut[a] opposite Bath, Maine,

seventeen thousand dollars.

Waddington For the improvement of Waddington Harbor, New York, Harbor,

five thousand dollars.

For the improvement of Oakland Harbor, California, bor. eighty thousand dollars; but this sum shall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense to the Government, in a manner satisfactory to the Secretary of War.

For improving harbor at Milwaukee, Wisconsin; fifteen

thousand dollars.

For improving harbor at Racine, Wisconsin, ten thousand dollars.

Manitowoc.

Sheboygan.

Ohio River.

Cincinnati.

New Orleans.

Michigan City.

Bath.

Milwaukee.

Racine

a The Gut is a part of the Sasanoa (or Back) River.

Kenosha. For improving harbor at Kenosha, Wisconsin, eight thousand dollars.

Brazos Santiago, Texas, six thousand dollars.

For and Wisconsin rivers. For improving Fox and Wisconsin Rivers, two hundred

and fifty thousand dollars.

Chicago.

For improving harbor at Chicago, Illinois: Extending breakwater and dredging channel, seventy-five thousand

breakwater and dredging channel, seventy-five thousand dollars.

Calumet. For improving harbor at Calumet, Illinois, fifteen thousand dollars.

Charlevoix. For improving harbor at Charlevoix, Michigan, twelve thousand dollars.

Frankfort. For improving harbor at Frankfort Michigan eight

Frankfort. For improving harbor at Frankfort, Michigan, eight thousand eight hundred dollars.

Manistee. For improving harbor at Manistee, Michigan, fifteen thousand dollars.

For improving harbor at Ludington, Michigan, fifteen thousand dollars.

Pentwater. For improving harbor at Pentwater, Michigan, ten thousand dollars.

White River For improving harbor at White River, Michigan, twelve thousand dollars.

Grand Haven. For improving harbor at Grand Haven, Michigan, fifteen thousand dollars.

Black Lake For improving harbor at Black Lake, Michigan, ten thousand dollars.

For improving harbor at Saugatuck, Michigan, two thousand five hundred dollars.

Bayou La Fourches, Louisifourche.

For removing obstructions in Bayou La Fourches, Louisiana, ten thousand dollars.

South Haven. For improving harbor at South Haven, Michigan, twelve thousand dollars.

St. Joseph. For improving harbor at Saint Joseph, Michigan, twelve thousand dollars.

St. Marys River and Saint Mary's Falls Canal, Michigan, one hundred and seventy-five thousand dollars.

Sandbeach For improving Harbor of Refuge, Lake Huron, Michigan, one hundred thousand dollars.

St. Clair River. For improving Saint Clair River at mouth of Black River, Michigan, one thousand five hundred dollars.

Detroit River. For improving Detroit River, Michigan, one hundred thousand dollars.

St. Clair flats. For improving Saint Clair Flats, Michigan, five thousand dollars.

Saginaw River. For improving Saginaw River, Michigan, twenty-five thousand dollars.

Cheboygan. For improving harbor at Cheboygan, Michigan, eight thousand dollars.

Monroe For improving harbor at Monroe, Michigan, two thousand five hundred dollars.

For improving harbor at Toledo, Ohio, fifty thousand dollars.

Sabine River.

Trinity River.

For the improvement of Guyandotte River, West Vir- Guyandot Riverinia, two thousand dollars.

For the improvement of the Raritan River, New Jersey, Raritan River

two hundred thousand dollars.

For the improvement of Blackwater River, Virginia, Blackwater five thousand dollars.

For the improvement of Hampton River, Virginia, ten er. Hampton Riv-

thousand dollars.

For the improvement of Chickahominy River, Virginia, River, River, Wirginia, River, Chickahominy five thousand dollars.

For the improvement of the Narrows above Orange, on the Sabine River, Texas, and deepening the channel at the

mouth of said river, ten thousand dollars.

For deepening the channel at the mouth of the Trinity River, Texas, and removing obstructions to Liberty, ten thousand dollars.

For deepening the channel at the mouth of the Neches River River, Texas, and removing obstructions to Beaumont, eight thousand dollars.

For improving Pascagoula River, Mississippi, and deep-Pascagoula

ening the channel at its mouth, ten thousand dollars.

For the improvement of the harbor and the Mississippi Memphis. River at Memphis, Tennessee, forty-six thousand dollars.

For the improvement of Elk River, West Virginia, five Elk River.

thousand dollars.

For improving harbor at Sandusky City, Ohio, twenty Sandusky.

thousand dollars.

For improving harbor at Huron, Ohio, one thousand Huron. dollars.

For improving harbor at Vermillion, Ohio, four thousand Vermillion. dollars.

For breakwater at Cleveland, Ohio, and repairs of harbor, one hundred thousand dollars.

For improving harbor at Fairport, mouth of Grand River, Fairport.

Ohio, five thousand dollars.

For improving harbor at Ashtabula, Ohio, twelve thousand dollars.

For improving harbor at Erie, Pennsylvania, twenty-five

thousand dollars.

For improving harbor at Buffalo, New York, eighty thou
Buffalo.

sand dollars.

For improving harbor at Oak Orchard, New York, two Oak Orchard.

thousand dollars.

For improving harbor at Charlotte, New York, one thousand dollars.

For improving harbor at Pultneyville, New York, five Pultneyville. thousand dollars.

For improving harbor at Great Sodus Bay, New York, Bay. Sodus five thousand dollars.

For improving harbor at Little Sodus Bay, New York, Little Sodus ten thousand dollars.

For improving harbor at Oswego, New York, ninety Oswego. thousand dollars.

Wilmington. For breakwater at Wilmington, California, twenty thousand dollars.

Sacramento For improving Sacramento and Feather Rivers, Califorand Feather rivers.

nia, fifteen thousand dollars. Lower Willa-For improving Lower Willamette and Columbia Rivers. mette and Co-lumbia rivers. from Portland, Oregon, to the sea, thirty thousand dollars. Upper Willa-mette River. For improving Upper Willamette River. Oregon, twenty

thousand dollars.

Upper Colum-bia River. For improving Upper Columbia River, including Snake River, twenty thousand dollars.

Cascades. For constructing a canal around the Cascades of Columlumbia River. bia River, one hundred and fifty thousand dollars.

Big Sandy For the improvement of Big Sandy River, from Catletts-River burg, Kentucky, to the head of navigation, twelve thousand dollars.

Columbia Riv-For the improvement of the mouth of the Columbia River, Oregon, five thousand dollars, the same or so much thereof as may be necessary to be expended under the direction of the Secretary of War in making a thorough survey of the bar at the mouth of said river and in the preparation of a plan and estimates for its permanent improvement; any balance to be used in the temporary improvement of said bar.

Chester. For repairs of ice-harbor at Chester, Pennsylvania, three thousand four hundred dollars.

Oconee River. For the improvement of the Oconee River, Georgia, ten thousand dollars; of which sum eight thousand dollars shall be expended between Dublin and the Central Railroad bridge, and two thousand dollars between Dublin and the Ocmulgee River.

Galena River For the improvement of Galena River, Illinois, making a channel of one hundred feet width, and the improvement, of the harbor of Galena, thirty thousand dollars.

Vicksburg. For the improvement of the Mississippi River at and near Vicksburg, Mississippi, and protection of harbor at Vicksburg, Mississippi eighty-four thousand dollars.

Salem River. For improving the channel of Salem River, New Jersey, and removing obstructions in the Delaware River at the mouth of Salem River, three thousand dollars.

Missouri River. For improving the Missouri River at Omaha City, Nebraska, thirty thousand dollars. St. Croix River.

For the improvement of the Saint Croix River, Wisconsin, ten thousand dollars. Chippewa Riv-For completing and protecting wing dams and jetties now

in course of construction upon the Chippewa River in Wisconsin in and near its mouth and below the lower point of Proviso. Beef Island, ten thousand dollars: Provided, That nothing herein shall be construed, nor shall any expenditure of this appropriation be made so as to affect existing legal or equitable rights in or upon the said Chippewa River or its branches, whether such rights arise under the laws of the United States or the State of Wisconsin.

Missouri River. For the improvement of the Missouri River at Atchison, Kansas, twenty thousand dollars.

For the improvement of the Missouri River at Eastport. Iowa, and Nebraska City, Nebraska, twenty thousand dollars.

Missouri River.

For the improvement of the Osage River in Missouri and

Osage River.

Kansas, twenty thousand dollars.

For the improvement of the Missouri River at or near Fort Leavenworth, Kansas, twenty-five thousand dollars.

Missouri River.

For improving the Missouri River at Sioux City, Iowa,

Missouri River.

twelve thousand five hundred dollars.

Neuse River.

For the improvement of the Neuse River, North Carolina, forty thousand dollars.

Pensacola.

For the improvement of the harbor, including survey and estimate for removal of wrecks at Pensacola, Florida, twenty thousand dollars.

For the improvement of Currituck Sound and North Sound.

River Bar, North Carolina, twenty thousand dollars. For the improvement of Scuppernong River, North Caro-River.

lina, two thousand dollars.

Edenton Har-For the improvement of Edenton Harbor, North Carolina, bor.

four thousand dollars.

Black River

For completing the improvement of Black River Harbor, (Lorain). Ohio, one thousand dollars.

New Haven.

For the improvement of the harbor at New Haven, Connecticut, twenty-five thousand dollars.

Darien.

For the improvement of the harbor at Darien, Georgia,

eight thousand dollars.

For continuing the improvement of Penobscot River, er. Penobscot River Maine, twelve thousand dollars; of which sum two thou-

sand five hundred dollars, or so much thereof as may be necessary, shall be expended at or near the Narrows in said

river at Bucksport.

Bridgeport.

For the improvement of the harbor at Bridgeport, Connecticut, ten thousand dollars; of which sum not less than one-half shall be expended between the lower bridge and the horse-railroad bridge.

For the improvement of Harlem River, New York, three hundred thousand dollars; but this sum is not to be available until the right of way for this work is secured to the United States free of cost.

Harlem River.

For improving harbor at Belfast, Maine, twelve thousand

Belfast. dollars.

For improving Richmond Island Harbor, Maine, six thou-land Harbor. Issand dollars.

Cocheco River. For improving Cocheco River, New Hampshire, six thousand dollars.

For improving Merrimac River, Massachusetts, below en Merrimac Riv-

Mitchell's Falls, ten thousand dollars. Boston. For improving harbor at Boston, Massachusetts, fifty-

five thousand dollars.

For improving harbor at Plymouth, Massachusetts, five Plymouth. thousand dollars.

For improving harbor at Provincetown, Massachusetts, Provincetown. one thousand dollars.

Hyannis. For improving harbor at Hyannis, Massachusetts, three thousand dollars.

Taunton River. For improving Taunton River, Massachusetts, two thou-

Providence For improving Providence River, Rhode Island; Removing Bulkhead Rock, five thousand dollars.

For improving Little Narragansett Bay, Rhode Island and Connecticut, ten thousand dollars.

Providence For improving Providence River and Narragansett Bay, fifty thousand dollars.

For the improvement of Echo Harbor, New Rochelle, New York, ten thousand dollars.

Staten Island Sound, between New Jersey and Staten Island, fifteen thousand dollars[a].

Breton Bay.

For improving the harbor of Breton Bay, Leonardtown,

Maryland, five thousand dollars.

Cambridge.

Cambridge.

Cambridge.

Cambridge.

For improving the inner harbor at Cambridge, Maryland, five thousand dollars.

Washington and Georgetown. For improving the harbors and channels at Washington and Georgetown, District of Columbia, fifty thousand dollars; of which sum twenty thousand dollars is to be expended in Washington harbor and channel below the Long Bridge, and thirty thousand dollars to be expended in Georgetown harbor and channel.

Connecticut For improving Connecticut River, below Hartford, Connecticut, thirty thousand dollars; of which sum five thousand dollars shall be used for dredging the river between Hartford and Middletown, and two thousand dollars for improving the mouth of Salmon River in the town of East Haddam.

Stonington. For improving harbor at Stonington, Connecticut, forty thousand dollars.

Thames River. For improving Thames River, Connecticut, ten thousand dollars.

Milford. For improving harbor at Milford Connecticut, ten thousand dollars.

Housatonic For improving Housatonic River, Connecticut, five thousand dollars.

Norwalk. For improving harbor at Norwalk, Connecticut, six thousand dollars.

For improving harbor at Port Jefferson, Long Island Sound, New York, eight thousand dollars.

Hudson River. For improving Hudson River, New York, seventy thousand dollars.

For removing obstructions in East River and Hell Gate, New York, three hundred and fifty thousand dollars.

Passaic River. For improving Passaic River, New Jersey, ten thousand dollars.

a This appropriation was expended upon the work of improving the channel between "Staten Island and New Jersey." "Staten Island Sound" is another name for Arthur Kill, one of the waterways included in the adopted project, the others being Kill van Kull and the lower part of Newark Bay.

For improving East Chester Creek, New York, ten thou-Greek sand dollars.

For improving harbor at Rondout, New York, thirty Rondout.

thousand dollars.

For improving harbor at Burlington, Vermont, twenty Burlington. thousand dollars.

Swanton. For improving harbor at Swanton, Vermont, twenty thou-

sand dollars.

Otter Creek. For improving Otter Creek, Vermont, eight thousand dollars.

Lewes. For constructing piers in Delaware Bay, near Lewes,

Delaware, twenty thousand dollars.

Wilmington. For improving harbor at Wilmington, Delaware, seven

thousand dollars.

For improving Schuylkill River, Pennsylvania, thirty Schuylkill River, thousand dollars.

For improving Delaware River, below Bridesburg, one or Delaware Riv-

hundred thousand dollars.

For improving Delaware River, between Trenton and ar Delaware Riv-White Hill, New Jersey, ten thousand dollars.

For improving north and south branches of Shrewsbury Shrewsbury River.

River, New Jersey, eighteen thousand dollars.

For improving Cohansey Creek, New Jersey, five thou-Creek sand dollars.

For improving Des Moines Rapids, and operating the Rapids Moines

canal, ninety-five thousand dollars. For improving Upper Mississippi River, from the mouth Upper Missis-

of the Illinois: Removal of snags and obstructions, fortyone thousand five hundred dollars.

For continuing surveys and examinations at the South South Pass.

Pass of the Mississippi River, fifteen thousand dollars.

It shall be the duty of the Secretary of War to apply the Useandexpendations of appromoney herein appropriated for improvements, other than priations. surveys and estimates, in carrying on the various works by contract or by hired labor, at his discretion, and as in his judgment may be most advantageous to the government; and, where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

SEC. 2. That the Secretary of War is hereby directed at Surveys and examinations. his discretion to cause examinations or surveys, or both, and estimates of cost of improvements proper to be made

at the following points, namely:
Portsmouth Harbor, New Hampshire;

For improving the navigation at the Falls on Red River Red River near Alexandria, Louisiana;

The Mispillion Creek, Delaware;

Cape Foulweather, Oregon, to ascertain its adaptability Cape weather, as a harbor of refuge;

The entrance of Coos Bav.

Coos Bay.

Conecuh, etc., rivers.

Yadkin River.

The Conecuh, Patsaligo, and Escambia Rivers, Alabama;

The Yadkin, North Carolina, between the bridge on the North Carolina Railroad and Wilkesborough;

Flushing Bay, New York;

Thames River. The Thames River, Connecticut;

Big Sunflower, Chickasahoy, Tallahatchie, Cold Water, Pearl, and Pascagoula, Mississippi; and the expenses of survey of the Pascagoula shall be defrayed out of the sum herein appropriated for the improvement thereof:

North Landing River, Virginia;

Onancock Har- Anancock [Onancock] Harbor, Virginia;

The Salem River. New Jersey, between Sharpstown and Delaware Canal:

Suwanee. The Suwannee River, Florida; Caloosahat- The Caloosahatchia River, Florida;

Caloosahatchee.
Mississippi River at and above the city of Alexandria,

Missouri;

HillsboroRiver. The mouth of Hillsborough River and Tampa Bay,

Florida:

Caney Fork Caney's Fork and Obey's Rivers, Tennessee;

Bayou Bartholomew, Arkansas;

Upper Red River, from the raft up to the Missouri, KanBrazos River. sas and Texas Railroad Bridge; and also the Brazos River
in Texas from eight miles above its mouth, down through
its mouth to the outer edge of the bar in the Gulf of
Mexico.

Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas; and Corpus Christi Pass and Channel;

Little River, Arkansas; Saline River [a], Arkansas;

Brazos River. The bar at the mouth of Brazos River, Texas, including a report upon the capacity of the harbor at the mouth of the Brazos, and its adaptability as a harbor of refuge and naval station;

Missouri River at Cedar City, in Callaway County, Missouri;

Missouri River at the city of St. Charles, Missouri;

Yellow Stone River;
Nottoway. The Nottoway River Virginia

Nottoway.

Long Island

Coast.

The Nottoway River, Virginia;
The coast of Long Island, New York, between Coney
Island Point and Rockaway Inlet, in New York Bay;

Sheepshead Bay, New York; Carnarsie Bay, New York;

Chattahoochee. The Chattahoochee River, Georgia, above Columbus;

Flint River. The Flint River, Georgia, from Albany to Montezuma;

Etowah River. The Etowah River, Georgia; Sayannah River. above A

Savannah River, above Augusta, Georgia;
er.
Fourche Le The Fonche La Fave [Fourche Le Fevre River] in

Fevre River. Arkansas;

San Luis Obispo, California, with a view to the practicability of building breakwater;

New River.

Tangipahoa.

Woodbridge.

Elizabeth Riv-

Rahway River. Charles River.

Manasquan.

White River.

Westport.

Pedee

Quincy.

The harbor of San Buenaventura, California, with a San Buenavenview to the practicability of building breakwater:

The harbor of Santa Barbara, California, with a view to Santa Barbara,

the practicability of building breakwater;

St. Louis dike. The Mississippi River, to ascertain the practicability. cost, and utility of a dike from Bloody Island, opposite the city of Saint Louis, Missouri, north to the dike or dam opposite Brooklyn, on the Illinois shore:

A survey and estimate of the damages, if any, done, or Damages to be done, to riparian owners of lands, and improvements thereon, at or in front of the town of Venice, Illinois, near Saint Louis, Missouri, by reason of government improvements made, or to be made, at or near said town of Venice:

Dan River, Virginia, from Clarksville, via Danville, Dan River.

Virginia, to Danbury, North Carolina:

Staunton River, from Roanoke Depot, in Charlotte Staunton Riv-County, Virginia, to Brookneal, in the county of Camp-er. bell. Virginia:

New River, from the Lead Mines in Wythe County to

the mouth of Wilson in Grayson County, Virginia; The harbor at Quincy, Illinois;

Tones Bayou, Bayous Pierre and Wincey and Lakes Tones Bayou, Bayou Pierre and Cannasanier, Louisiana;

Scituate Harbor, Massachusetts, with a view to its adapt-Scituate. ability as a harbor of refuge;

Tongapahoe River, Louisiana;

Wolf River[a], from Lake Boygan [Poygan] to Red River, Wolf River. Wisconsin:

The Arkansas River, from Fort Smith, Arkansas, to the Arkansas River, mouth of Little Arkansas:

Woodbridge Creek, Middlesex County, New Jersey; Elizabeth River, New Jersey;

Rahway River, New Jersey; Charles River, Massachusetts, to the head of tide-water;

Manasquan River, New Jersey;

White River, Indiana, including the East Fork to the new bridge in course of construction near Bedford, and the West Fork to the town of Gosport;

Portage Lake, Manistee County, Michigan, with a view Portage Lake to its adaptability as a harbor of refuge;

Westport Harbor, Massachusetts;

Wood's Holl, Massachusetts;

Woods Hole. Peedee [b] River, from Cheraw, South Carolina, to the Great River.

mouth of Uwharic River, North Carolina;

The bars at the entrance of Annapolis Harbor, Maryland, with a view to accommodation of deep-draught vessels at low tide:

West Branch of the Patapsco River, Maryland, from Patapsco River, West Branch, Lightstreet bridge to head of tide-water, and an estimate of the cost of making the same navigable for canal-boats;

OA tributary of Fox River.

bKnown also as Great Pedee River.

River. The Kentucky River and navigable tributaries, Kentucky:

Licking River. The Licking River, Kentucky;

Cumberland The falls of the Cumberland, Kentucky;

Clearwater River, Idaho;

Missouri and Kansas Rivers, at and near their junction:

Trent River. The Trent River, North Carolina;

Neuse River. Neuse River, from Smithfield to Goldsborough, North Carolina:

Chowan River, North Carolina;

Tar River. The Tar River, North Carolina, from Washington to Tarborough:

Bay. Alifornia, with a view to its adaptability as a harbor of refuge;

Crescent City Harbor, California, with a view to its

adaptability as a harbor of refuge;

Reservoirs on Mississippi St. The examination of the sources of the Mississippi River Croix, Chippewa, and of the Saint Croix River in Wisconsin and Minnesota, and Wisconsin, and of the Chippewa and Wisconsin Rivers in the State of Wisconsin, to determine the practicability and cost of creating and maintaining reservoirs upon the headwaters of said rivers and their tributaries for the purpose of regulating the volume of water and improving the navigation of said rivers, and that of the Mississippi River, and an estimate of the damage to result therefrom to property of any kind;

Muskingum The Muskingum River, Ohio, below the second dam, to ascertain its adaptability for an ice-harbor, for the protection of steamers and other craft on the Ohio River;

Colorado of the West from Fort Yuma to El Dorado Canon;

Kiskiminitas and Conemaugh Rivers, Pennsylrivers. The Kiskiminetas and Conemaugh Rivers, Pennsylvania, from the mouth of the Kiskiminetas to the mouth
of Stony Creek on the Conemaugh;

Allegheny River, up to the mouth of French Creek;

Kankakee River, Illinois, and Indiana;

Lincolnville Harbor, Maine;
Lubec Channel, Maine;
Apalachicola.

A palachicola Bay, Florida.

Apalachicola Bay, Florida;

East River. East River, New York, at its junction with Newtown Creek;

Maryland and Delaware Peninsula of Maryland and Delaware, with a view to a construction of a ship-canal to connect the waters of the Delaware and Chesapeake Bays;

Florida Peninsulas of Florida with a view to the construction of a ship canal from the Saint Mary's River to the Gulf of Mexico;

Smyrna River. Duck Creek [Smyrna River], Delaware; St.JohnsRiver. The mouth of Saint John's River, Florida;

Kansas River. The Kansas River from its mouth to Junction City, Kansas:

Biver. The Delaware River below League Island;

For survey of the Saint John's River, Florida, between Lake George and Lake Monroe, and estimates of cost of deepening the Volusia Bar and straightening the river by cut-offs:

IMPROVEMENT OF RIVERS AND HARBORS.

Port Orford. Oregon, to ascertain its adaptability for

a harbor of refuge:

Rogue River, Oregon, between Scottsburg and its mouth:

Coquille River, Oregon:

Alsea River and Bay, Oregon;

That the sum of twenty thousand dollars is hereby appropriated, out of any moneys in the Treasury not other- from Norfolk to wise provided for, for the purpose of having a complete survey and examination of all the water lines and routes leading or that may lead from the Harbor of Norfolk to the Atlantic Ocean south of Hatteras, including any communication that may be practicable with the Cape Fear River: and the said examination and survey shall embrace the line known as the Dismal Swamp line and the line known as be surveyed. the Albermarle [sic] and Chesapeake Canal line, and all other routes and lines that may be practicable in the waters of Eastern North Carolina connecting Norfolk Harbor by inland navigation with the ocean south of Cape Hatteras.

SEC. 3. That for the examinations and surveys herein Examinations, appropriaprovided for, and for incidental repairs of harbors for tion. which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated. to be paid out of any moneys in the Treasury not otherwise

appropriated.

Approved, June 18, 1878.

CHAP. 313.—An Act To amend an act entitled "An Act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes," approved March third, anno Domini eighteen hundred and seventy-five.

Vol. 20, p. 168.

 $Be\ it\ enacted\ by\ the\ Senate\ and\ House\ of\ Representatives$ of the United States of America in Congress assembled, That James B. Eads. the fourth and succeeding sections of an act entitled "An how to be made. act making appropriations for the repair, preservation, Stat., 463; 1879, c. and completion of certain public works on rivers and 181. harbors, and for other purposes", approved March third, anno Domini eighteen hundred and seventy-five authorizing James B. Eads and his associates to create and permanently maintain a wide and deep channel between the South Pass of the Mississippi River and the Gulf of Mexico, be, and they are hereby, amended so as to provide that payments shall be made to said Eads, his assigns or legal representatives, as follows, namely:

Sec 2 The Secretary of War is hereby authorized and second and second of directed to draw his warrant upon the Secretary of the Treasury of the United States in favor of James B Eads. his assigns or legal representatives, for the sum of five hundred thousand dollars, so soon as the said Eads, his

St. Johns River.

Port Orford

Rogue River. Coquille River.

AlseaRiverand

Bay. Water

Amended.

lawful assigns or legal representatives, shall file with the said Secretary of War a relinquishment of all claim to the payment of five hundred thousand dollars provided by the hereinbefore recited act to be paid when a channel twenty-four feet in depth and not less than two hundred and fifty feet in width shall have been obtained. And the Secretary of the Treasury is hereby authorized and directed to pay to said Eads, his lawful assigns or legal representatives, the sum for which said warrant is drawn.

Monthly pay-ments, amount-ing to \$500,000.

SEC 3 The Secretary of War is further hereby authorized and directed upon his approval of the engineers statement in this section mentioned to draw his warrant upon the Secretary of the Treasury of the United States in favor of said James B. Eads, his lawful assigns or legal representatives, monthly, for such sums, not exceeding in the aggregate the gross sum of five hundred thousand dollars, as he or they may require in the prosecution of the works authorized by said hereinbefore recited act, to pay for materials furnished, labor done, and expenditures incurred, from and after the passage of this act, in the construction Certificates of of said works: Provided, That said Eads or his legal representatives, shall file in the office of the Secretary of War,

> with each requisition made by him or them, a certified statement, which shall be made by the engineer officer provided for in said act, that the requisition is for the amount

work, etc.

payment.

of work properly done, materials furnished, and expend-Relinquish itures incurred in the prosecution of the work: And proment of deferred

vided, That said Eads, his lawful assigns or legal representatives shall file with the Secretary of War a relinquishment

quishment.

of all claim to the deferred payment of two hundred and fifty thousand dollars provided by the hereinbefore recited act to be paid when a channel twenty-four feet in depth and not less than two hundred and fifty feet in width shall have been maintained for twelve months consecutively: Further relin- And provided further, That said Eads, his lawful assigns or legal representatives shall from time to time, as monthly installments of the remaining two hundred and fifty thousand dollars are paid, file with the Secretary of War a relinquishment of like amounts, to be deducted from the payment of five hundred thousand dollars provided by the hereinbefore recited act to be paid when a channel twentysix feet in depth and not less than three hundred feet in width shall have been obtained. And the Secretary of the Treasury is hereby authorized and directed to pay to said Eads, his lawful assigns or legal representatives, the sums Remaining for which said warrants are drawn.

payments mer act.

All other payments cording to for to said James B Eads his lawful assigns or legal representatives are to be made under and in pursuance of the provisions of the hereinbefore recited act; the whole of said act, except as the same is hereby expressly modified or amended, to have the same force and effect as if this act had not been passed.

Sec. 4 The President of the United States is hereby neers to exam-ine and report, authorized and directed to convene a board of five engineers of the Army, which said board shall visit the works in process of construction by said James B. Eads at the South Pass of the Mississippi River, and make an examination of the same, and make a full report of the progress made in the construction of the works, the probable cost of their completion, and the results produced, or that may properly be produced by them, their probable permanency, and of the advisability of any modification of the terms of the act under which said Eads is constructing said works. so far as regards dimensions of channel through the jetties, and of the terms of payment for the same; which said report shall be submitted to the Secretary of War. to be presented at the next session of Congress

Approved, June 19, 1878.

CHAP. 359.—An Act Making appropriations for sundry civil ex- June 20, 1878. penses of the Government for the fiscal year ending June 30, 1879, Vol. 20, p. 206. and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That expenses, the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal vear ending June thirtieth, eighteen hundred and seventy. nine, namely:

civil

To enable the Secretary of War to pay to the Hartford Hartford and New York Steamand New York Steamboat Company for dredging done in boat Co. the Connecticut River, under the direction of Major G. K. Warren, United States Engineers, in the months of July, August, and September, eighteen hundred and seventysix, four thousand two hundred and three dollars.

For payment of George F. Wheeler, Robert H. Hotchkiss G. F. Wheeler. and Aaron Walters, for services rendered by them as com- A. Walters, missioners appointed pursuant to an act of Congress of Stat., 506. March third, eighteen hundred and seventy-five, to appraise damages to lands in Fond du Lac County Wisconsin, caused by the improvement of the Fox and Wisconsin Rivers, five thousand three hundred and ten dollars.

The requisite amount is hereby appropriated, out of any James B. Eads. money in the Treasury not otherwise appropriated, to pay Mississippi River. all money that may become due and owing to James B. Eads and his associates, or that may become payable to said Eads, his assigns or legal representatives, in accordance with the provisions of the act approved March third, 51875, c. 134; 18 eighteen hundred and seventy-five, and the act amendatory 1878, c. 313. thereof, prior to the first day of February, eighteen hundred and seventy-nine.

Approved, June 20, 1878.

June 20, 1878. Vol. 20, p. 585.

CHAP. 371.—An Act For the relief of the families of the men who perished on the United States dredge-boat McAlister [McAlester].

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That boat the widow, or minor child or children, and in case there be Dredge McAlester. calester. Payment to no widow, minor child or children, then the parent or widows, etc., of parents, of the officers, seamen, marines and others in the service or employ of the government, who were lost with the said dredge-boat McAlister, shall be entitled to and receive, out of any money in the Treasury of the United States, not otherwise appropriated, a sum equal to twelve months' pay of their respective deceased relations aforesaid, in addition to the pay due to the deceased up to and including the day of the loss of said vessel.

On what evi-

Sec. 2. That the Secretary of the Treasury is authorized and directed to make the payments herein provided upon proper evidence being furnished.

Approved, June 20, 1878.

Jan. 13, 1879.

of claim.

CHAP. 16.—An Act For the relief of the legal representatives of Vol. 20, p. 591. George Williams deceased.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That George Wil-the Secretary of War be, and is hereby, authorized to adjust and settle, upon just and equitable terms, the claim of George Williams for balance due for building locks two. three, and four of Muscle Shoals Canal on Tennessee River. and on a contract for section-work, done under power of attorney from Matthew G. Kennedy: Provided, That in making said settlement the said Secretary of War shall not allow the legal representatives of said George Williams, deceased, more than his actual expenditures, with reasonable compensation for the use of tools, and for money advanced in the prosecution of said work: And provided further, That no allowance or payment shall be made under this act except in pursuance of a recommendation of a board of not less than three engineers to be appointed by the Secretary of War to inquire into and report upon the character and value of the work done and the merits of the claim a.

Approved, January 13, 1879.

Mar. 3, 1879.

CHAP. 181.—An Act Making appropriations for the construction, Vol. 20, p. 363. repair, preservation, and completion of certain works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Rivers and har the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the construction, completion, repair and preservation of the public works hereinafter named:

For improving Penobscot River, Maine, six thousand or Penobscot Riv-

 ${f dollars}.$ 

For improving harbor at Belfast, Maine, five thousand Belfast Harbor. dollars.

For improving Richmond Island Harbor, Maine, three Richmond Island Harbor, Maine, three land Harbor. Isthousand dollars.

For improving Kennebunk River, Maine, two thousand Kennebunk dollars.

For improving Merrimac River, Massachusetts, five Merrimac Rivthousand dollars.

For repair of harbor at Plymouth, Massachusetts, three bor. Plymouth Har-

thousand five hundred dollars.

For the maintenance and annual repairs of the harbor Provincetown Harbor.

at Provincetown, Massachusetts, one thousand dollars.

For improving the harbor of Hyannis, Massachusetts, bor. two thousand five hundred dollars; of which sum five hundred dollars, or so much thereof as may be necessary, shall be expended in the removal of the wreck at that point.

For improving Taunton River, Massachusetts, one thou- ar Taunton Riv-

sand dollars.

For improving Providence River and Narragansett Bay, Providence Rhode Island, sixty thousand dollars.

For improving Little Narragansett Bay, Rhode Island Little Narra-and Connecticut, five thousand dollars.

For improving Connecticut River below Hartford, Con-River. necticut, including dredging between Hartford and Middletown, ten thousand dollars.

For improving harbor at Stonington, Connecticut, thirty-Stonington

seven thousand five hundred dollars.

For improving Thames River, Connecticut, to secure a Thames River. fourteen-foot channel twelve thousand dollars.

For improving harbor at Bridgeport, Connecticut, ten Bridgeport

thousand dollars.

For improving harbor at Norwalk, Connecticut, ten thousand sand dollars: of which sum not exceeding one thousand five hundred dollars shall be expended on the bar below the bridge.

For improving harbor at Port Jefferson, Long Island Port Jefferson Harbor.

Sound, New York, five thousand dollars.

For improving harbor at New Haven, Connecticut, fif-New Haven teen thousand dollars.

For improving Hudson River, New York, thirty thousand dollars.

For removing obstructions in East River and Hell Gate, East River and New York, two hundred and fifty thousand dollars.

For improving Echo Harbor, New Rochelle, New York, Echo Harbor.

three thousand dollars.

For improving barbor at Plattsburg, New York, dredg-Plattsburg ing, two thousand dollars.

Raritan River. For improving Raritan River, New Jersey, sixty thousand dollars.

Superior Bay, Wisconsin, five thousand dollars.

Duluth Harbor. For improving Duluth Harbor, Minnesota, twenty-five thousand dollars.

Passaic River. For improving Passaic River, New Jersey, two thousand dollars.

East Chester For improving East Chester Creek, New York, three thousand five hundred dollars.

Burlington For improving harbor at Burlington, Vermont, fifteen thousand dollars.

Swanton Har- For improving harbor at Swanton, Vermont, six thousand dollars.

Otter Creek. For improving Otter Creek, Vermont, five thousand dollars.

For constructing pier in Delaware Bay, near Lewes, Delaware, ten thousand five hundred dollars.

Newcastle ice For piers of ice-harbor at New Castle, Delaware, five thousand five hundred dollars

Wilmington For improving harbor at Wilmington, Delaware, three thousand five hundred dollars.

Schuylkill River, Pennsylvania, twentyfive thousand dollars.

Delaware River For improving Delaware River below Bridesburg, Penner. sylvania, forty-five thousand dollars.

Delaware Rive For improving Delaware River between Trenton and White Hill, New Jersey, six thousand dollars.

Allegheny Riv- For the improvement of the navigation of the Allegheny River from the mouth of French Creek to Pittsburg, Pennsylvania, ten thousand dollars.

Cohansey For improving Cohansey Creek, New Jersey, four thousand five hundred dollars.

Baltimore Har- For improving harbor at Baltimore, Maryland, one hundred and sixty thousand dollars.

Wicomico River [a], Maryland, three thousand dollars.

James River. For improving James River, Virginia, seventy-five thousand dollars.

Appomattox For improving Appomattox River, Virginia, twenty thousand dollars,

Kanawha Riv- For improving Great Kanawha River, West Virginia, one hundred and fifty thousand dollars.

Cape Fear River, North Carolina, one hundred thousand dollars.

Breton Bay. For improving Breton Bay, Leonardtown, Maryland, four thousand dollars.

Nomini Creek. For improving mouth of Nomoni Creek, Virginia, two thousand five hundred dollars.

Rappahannock For improving Rappahannock River, Virginia, ten thousand dollars.

For improving harbor at Norfolk, Virginia, and its ap-Norfolk Har-

proaches, seventy-five thousand dollars.

For improving the harbors and channels at Washington Washington Harbor. and Georgetown, District of Columbia, fifty thousand dollars; of which sum twenty thousand dollars shall be expended in dredging the channel of the Potomac River between the Long Bridge and the United States Arsenal, Georgetown and thirty thousand dollars shall be expended in George-Harbor. town harbor and channel; and the whole of said sum of fifty thousand dollars is hereby directed to be so expended as to produce the greatest immediate benefit to navigation and commerce.

For improving Blackwater River, Virginia, two thou-Blackwater

sand five hundred dollars.

For improving Neuse River, North Carolina, forty-five Neuse River.

thousand dollars.

For improving Hampton River, Virginia, two thousand and Hampton Rivdollars.

For improving Chickahominy River, Virginia, one thou-Chickahominy

sand dollars.

For improving French Broad River, North Carolina, five French Broad thousand dollars.

For improving Pamlico River, North Carolina, three Pamlico River.

thousand dollars.

For improving harbor at Edenton, North Carolina, one Edenton Har-

thousand dollars. For improving harbor at Charleston, South Carolina, two Charleston hundred thousand dollars.

For improving harbor at Savannah, Georgia, one hun-Savannah Harbor.

dred thousand dollars.

For improving inside passage between Fernandina and Fernandina L. Johns Saint John's, Florida, seven thousand dollars.

For improving harbor at Cedar Keys, Florida, including Cedar Keys

removal of wrecks, fifteen thousand dollars.

moval of wrecks, infeet thousand donars.

For improving Choctawhatchee River, Florida and Ala-Choctawhatchee River. bama, five thousand dollars.

For improving Alabama River, Alabama, thirty thousand AlabamaRiver.

dollars.

For improving Chattahoochie, River, Georgia, fifteen Chattahoochee thousand dollars.

For improving Flint River, Georgia, seven thousand Flint River.

dollars.

For improving Saint Augustin's Creek, Georgia, five St. Augustin

thousand dollars.

For improving Warrior and Tombigbee Rivers, Alabama Warrior and Tombigbee rivand Mississippi, thirty thousand dollars; of which sum ten ers, thousand dollars shall be expended on the Tombigbee above Columbus, and twenty thousand dollars on the Warrior and Tombigbee below Columbus.

For improving the Apalachicola River, Florida, including Apalachicola River, etc.

the slough connecting the Apalachicola with the Chippola River, five thousand dollars.

New River

For improving New River from Lead Mines in Wythe County, Virginia, to mouth of Greenbrier, twelve thousand dollars.

Pensacola Har-

For improving Pensacola Harbor, Florida, ten thousand dollars.

New Orleans Harbor.

For improving harbor at New Orleans, Louisiana, sixty thousand dollars.

Sabine Pass.

For deepening channel of Sabine Pass and at Blue Buck Bar. Texas, twenty-five thousand dollars.

Galveston Harbor.

· For improving entrance to Galveston Harbor. Texas. one hundred thousand dollars.

Sabine River.

For improving Narrows of Sabine River above Orange. Texas, and to deepen the channel at the mouth of the Sabine River, six thousand dollars.

Trinity River.

For improving mouth of Trinity River, Texas, two thousand five hundred dollars.

Neches River.

For improving mouth of Neches River, Texas, five thousand dollars.

Pass Cavallo

For improving Passo Cavallo Inlet into Matagorda Bay, Texas, twenty-five thousand dollars.

Examination and surveys of South Pass.

For examinations and surveys of South Pass of the Mississippi River: To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at the South Pass of the Mississippi River, and to enable the Secretary of War to report during the construction of the work the payments made from time to time, and the probable times of other payments, and to report during the construction of the work all important facts relating to the progress of the same, materials used, and the character and permanency with which the said jetties and auxiliary works are being constructed, as re-

stat., 463. seventy-five, and act approved June nineteenth, eighteen seventy-five, and act approved June nineteenth, eighteen seventy-five, and act approved June nineteenth, eighteen hundred and seventy-eight, which impose on the engineer officer the duty of certifying to the correctness of expenditures for labor, material, and so forth, amounting to five hundred thousand dollars, to be paid Mr. Eads in monthly installments, twenty-four thousand dollars.

Red River raft.

For removing raft in Red River and closing Tones Bayou, Louisiana, fifteen thousand dollars.

Red River.

For removing obstructions from Red River, Louisiana, twenty-two thousand five hundred dollars.

Cypress Bayou.

For improving Cypress Bayou, Texas and Louisiana, six thousand dollars.

Red River.

For improving mouth of Red River, Louisiana, forty thousand dollars.

Mississippi

For improving harbor and the Mississippi River at Memphis, Tennessee, thirty-seven thousand dollars.

Mississippi

For improving Mississippi River at and near Vicksburg, and protection of harbor at Vicksburg, Mississippi, fifty thousand dollars.

For improving Ouachita River, Arkansas and Louisiana, Ouachita River. ten thousand dollars.

For improving Yazoo River, Mississippi, fifteen thousand Yazoo River. dollars.

For annual expense of gauging the waters of the Missis-Mississippi sippi River and its tributaries: Continuing observation of the rise and fall of the river and its chief tributaries, as 1871, res. 40; 16 required by joint resolution of February twenty-first, eight-

een hundred and seventy-one, five thousand dollars.

For improving Mississippi, Missouri, and Arkansas Mississippi, Rivers: Removing snags, sand-bars, wrecks, and other kansas rivers. obstructions, and correcting and deepening the channel, one hundred and ninety thousand dollars; of which sum one hundred thousand dollars shall be expended on the Mississippi River, sixty thousand dollars shall be expended on the Missouri River, and thirty thousand dollars shall be expended on the Arkansas River.

For improving Mississippi River from Saint Paul to Mississippi Des Moines Rapids, one hundred thousand dollars: Provided. That not exceeding twenty thousand dollars thereof may be used by the Secretary of War in his discretion in making a practical test of the flume invented by M. J. Adams, the said test to be made under the supervision and direction of said Adams, but without compensation to said Adams for his services; And provided further. That such test shall not be made until the right shall be secured to the United States to use said flume, in the event of the favorable result of said test, upon terms satisfactory to the Secretary of War.

Proviso.

Adams's flume

Proviso.

For survey of Missouri River from its mouth to Fort Benton, Montana, thirty thousand dollars.

Missouri River.

For improving Missouri River at or near Fort Leavenworth, ten thousand dollars.

Missouri River.

For improvement of Arkansas River, between Fort Smith, Arkansas River. Arkansas, and Wichita, Kansas, twenty thousand dollars.

For improving Missouri River at Sioux City, Iowa, ten thousand dollars; which sum shall be available on the passage of this act.

Missouri River.

For improving Missouri River at Atchison, Kansas, twenty thousand dollars.

Missouri River.

For improving Missouri River opposite Saint Joseph, nine thousand dollars.

Missouri River.

For improving Missouri River at Eastport, Iowa, and

Missouri River.

at Nebraska City, Nebraska, thirty thousand dollars. For improving Missouri River at Council Bluffs, Iowa,

Missouri River.

and at Omaha, Nebraska, fifty thousand dollars.

For improving Missouri River above mouth of the Missouri River.

Yellowstone River, forty-five thousand dollars.

For improving the Mississippi River between the mouths Mississippi of the Illinois and Ohio Rivers, two hundred thousand dollars; of which sum, fifteen thousand dollars shall be expended between the mouths of the Illinois and Missouri Rivers, thirty thousand dollars between the foot of Dickey's Island and the mouth of the Ohio River, and eight thousand

Tennessee

dollars between Islands Numbers Fourteen and Fifteen. near the town of Kaskaskia, Illinois.

Upper Missis-For improving Upper Mississippi River: Operating snagsippi River. boat twenty thousand dollars.

Mississippi For improving Mississippi River from Des Moines Rapids River to mouth of the Illinois River, forty thousand dollars.

White River. For improving White River, Arkansas, ten thousand dollars.

For improving Rush Chute and the harbor of Burlington, Rush Chute. Iowa, five thousand dollars.

For improving harbor at Fort Madison, Iowa, three Fort Madison Harbor. thousand six hundred dollars.

Mississippi For removing bar in the Mississippi River opposite Du-River. buque, Iowa, four thousand dollars.

Des Moines For improving Des Moines Rapids, twenty-five thousand Rapids. dollars.

Canal at Des For operating the canal at Des Moines Rapids, forty Moines Rapids. thousand dollars.

Rock Island For improving Rock Island Rapids, Mississippi River, Rapids. six thousand dollars.

Galena River. For improving Galena River and harbor, Illinois, twelve thousand dollars.

St. Croix River. For improving Saint Croix River below Taylor's Falls, eight thousand dollars.

Red River of For improving Red River of the North, Minnesota, and the North. Dakota, exclusively for dredging, twenty-five thousand dollars.

Illinois River. For improving Illinois River, forty thousand dollars. Cumberland For improving Cumberland River below Nashville, Ten-River. nessee, forty thousand dollars.

Fourche Le Fe-For improving Fourche Le Fevre River, Arkansas, ten vre River. thousand dollars.

Cumberland For improving Cumberland River above Nashville, Ten-River. nessee, thirty-nine thousand dollars; of which sum eighteen thousand dollars shall be expended from Nashville to the Kentucky line, six thousand dollars from the Kentucky line to Smith's Shoals, and fifteen thousand dollars at Smith's Shoals.

Tennessee For improving Tennessee River above Chattanooga, River. eleven thousand five hundred dollars.

For improving Tennessee River below Chattanooga, including Muscle Shoals, and Duck River Shoal, and the Shoal at Reynoldsburg, two hundred and ten thousand dollars: Proviso. Provided, That whenever, in the prosecution or maintenance of the work of improving Tennessee River between Decatur and Florence, in the State of Alabama, it may be neces-

sary, in the judgment of the Secretary of War, to take pos-Lands for cut-session of any lands for canals or cut-offs, and a reasonable offs. price for the same can be agreed upon between the owner of said lands and the officer in charge of said work on the part of the United States, the Secretary of War may authorize the purchase of said lands: Provided, That in case Proviso. the owners of said lands shall refuse to sell the same at a

reasonable price, then the price to be paid shall be deter-

mined, and the title and jurisdiction procured, in the manner prescribed by the laws of the State of Alabama: And provided. That in either case the entire cost of such lands to the United States shall not exceed ten thousand dollars.

Condemnation.

Proviso. Total cost.

Buffalo Bayou

In consideration of the proposition of the Buffalo Bayou ship channel. Ship Channel Company to turn over their work at Morgan's V. 26, p. 456; Point, and to surrender their charter granted by the legis-post, p. 585. lature of Texas, and the rights accruing thereunder, to the United States, which proposition is now on file in the War Department, and is hereby accepted, the Government hereby adopts the line surveyed from the cut in Red Fish Bar to the cut in Morgan's Point, and the sum of eighty thousand dollars is hereby appropriated for the improvement of that line; Provided, That no part of said sum shall be expended until said Buffalo Bayou Ship Channel Company shall file with the Secretary of War in manner and form to be by him approved, their acceptance of this provision of this act.

Proviso.

For improving Coosa River, Georgia and Alabama, forty-

Cooss River.

five thousand dollars.

For improving Hiwassee River, Tennessee, three thou-Hiwassee sand dollars.

For improving Oostenaula and Coosawattee Rivers, Coosawattee riv-Georgia, three thousand dollars.

For improving Ocmulgee River, Georgia, seven thou- Ocmulgee River, Ocmulgee

sand dollars.

For improving Oconee River, Georgia, one thousand five Oconee River. hundred dollars.

For an ice harbor at the mouth of the Muskingum River, Muskingum River, Riverice harbor.

Ohio, thirty thousand dollars.

For improving the Ohio River, two hundred and fifty thousand dollars; of which sum fifty thousand dollars, or so much thereof as may be necessary, shall be expended in the removal of obstructions at Grand Chain, and not exceeding one hundred thousand dollars on the Davis Island

Ohio River.

For improving Little Kanawha River, West Virginia, Little Kanadredging, removing obstructions, and for wing dams, if required, eighteen thousand dollars.

For improving Guyandotte River, West Virginia, one er Guyandot Riv-

thousand dollars.

For improving harbor at Ontonagon, Michigan, seven- Onto Harbor. teen thousand dollars; of which sum fifteen thousand dollars shall be expended in the construction of piers, and two thousand dollars in dredging.

For improving Big Sandy River from Catlettsburg, Ken-Big Sandy

tucky, to Head of Navigation, twelve thousand dollars.

For improving Wabash River, Indiana, twenty thousand Wabash River. dollars.

For improving Eagle Harbor, Michigan, two thousand Eagle Harbor. dollars.

For improving harbor at Marquette, Michigan, for re-Marquette pairs, one thousand five hundred dollars.

For improving harbor at Menomonee, Wisconsin, ten Menominee

thousand dollars.

Green Bay Har- For improving harbor at Green Bay, Wisconsin, four thousand dollars.

Sturgeon Bay harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin, thirty thousand dollars.

Ahnapee Har- For improving harbor at Ahnapee, Wisconsin, seven thousand dollars.

Two Rivers For improving harbor at Two Rivers, Wisconsin, twenty thousand dollars.

Manitowoc For improving harbor at Manitowoc, Wisconsin, six thousand five hundred dollars.

Sheboygan, Wisconsin, repairs and dredging, three thousand dollars.

Port Washing For improving harbor at Port Washington, Wisconsin, seven thousand five hundred dollars.

Harbor. For improving harbor at Milwaukee, Wisconsin, seven thousand five hundred dollars.

Racine Harbor. For improving harbor at Racine, Wisconsin, six thousand dollars.

Kenosha Har- For improving harbor at Kenosha, Wisconsin, five thousand dollars.

Fox and Wisconsin River, Wisconsin, one hundred and fifty thousand dollars.

Chicago Har For improving harbor at Chicago, Illinois, seventy-five thousand dollars.

Calumet Har- For improving harbor at Calumet, Illinois, twelve thousand dollars.

Michigan City For improving harbor at Michigan City Indiana forty

Harbor. For improving harbor at Michigan City, Indiana, forty thousand dollars.

Charlevoix For improving harbor at Charlevoix, Michigan, nine thousand dollars.

Frankfort Har: For improving harbor at Frankfort Michigan found

Frankfort Har- For improving harbor at Frankfort, Michigan, four thousand dollars.

Manistee Harbor. For improving harbor at Manistee, Michigan, ten thousand dollars.

Harbor. Housand dollars. Ludington, Michigan, five thousand dollars.

Fentwater Harbor. For improving harbor at Pentwater, Michigan, six thousand dollars.

White River For improving harbor at White River, Michigan, seven thousand five hundred dollars.

St. Marys River For improving Scient Mary's River and Scient Mary's River and

For improving Saint Mary's River and Saint Mary's Falls Canal three hundred thousand dollars; of which sum two hundred thousand dollars shall be expended on the canal, and one hundred thousand dollars shall be expended on the survey and improvement of the river towards obtaining a depth in present channel of sixteen feet.

Grand Haven For improving harbor at Grand Haven, Michigan, nine thousand dollars.

Black Lake For improving harbor at Black Lake, Michigan, six bor. thousand dollars.

Saugatuck Harbor improving harbor at Saugatuck, Michigan, five thousand dollars.

Bouth Haven For improving harbor at South Haven, Michigan, seven thousand five hundred dollars.

For improving river and harbor at Saint Joseph, Michi-er and Harbor. gan, six thousand dollars.

For harbor of refuge, at Lake Huron, Michigan, seventy- Sandbeach, (Harbor Beach).

five thousand dollars.

For improving Detroit River, Michigan, fifty thousand Detroit River. dollars.

For improving Saint Clair Flats, Michigan, repairs of St. Clair flats.

thousand dollars.

For improving Saginaw River, Michigan, eight thouSaginaw River.

sand dollars.
For improving harbor at Cheboygan, Michigan, three Cheboygan

thousand dollars.

For improving harbor at Monroe, Michigan, two thou-Monroe Har-

sand dollars.

For improving harbor and river at Au Sable, Michigan, Au Sable Harseven thousand dollars.

For improving harbor at Toledo, Ohio, twenty thousand Toledo Harbor.

dollars.

For improving harbor at Port Clinton, Ohio, ten thou-Harbor. Clinton sand dollars.

For improving and surveying harbor at Sandusky City, Sandusky Har-

Ohio, one thousand dollars.

For improving harbor at Cleveland, Ohio, one hundred Cleveland Harthousand dollars.

For improving harbor at Ashtabula, Ohio, nine thou-Ashtabula sand dollars.

For improving harbor at Erie, Pennsylvania, twenty- Erie Harbor. five thousand dollars.

For improving harbor at Buffalo, New York, one hun-BuffaloHarbor. dred thousand dollars.

For improving harbor at Oak Orchard, New York, one Oak Orchard thousand dollars.

For improving harbor at Charlotte, New York, repair of Charlotte Harpiers, one thousand dollars.

For improving harbor at Pultneyville, New York, four Pultneyville thousand dollars.

For improving harbor at Great Sodus Bay, New York, Great Sodus Bay, New York, Bay Harbor.

two thousand dollars.

For improving Oakland Harbor, California, sixty thou-Dakland Harsand dollars; but this sum shall not be available until the Conditions. right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense, to the Government, in a manner satisfactory to the Secretary of War; and if said right shall not have been so secured by September first, eighteen hundred and seventy-nine, said sum shall be returned into the Treasury.

For improving harbor at Little Sodus Bay, New York, Little Sodus

five thousand dollars.

For improving harbor at Oswego, New York, ninety Oswego Harthousand dollars.

For improving harbor at Wilmington, California, twelve Wilmington thousand dollars.

Sacramento River, California, twenty thousand dollars.

Lower Willlamette and Columbia Rivers, lumbia rivers. from Portland, Oregon, to the sea, forty-five thousand dollars.

Upper Willamette River, twelve thousand dollars.

Upper Columbia and Snake For improving Upper Columbia River, including Snake rivers. River, twenty thousand dollars.

Cascades Ca- For constructing canal around the Cascades of Columbia River, one hundred thousand dollars.

Columbia Riv- For continuing the survey and observation of currents at the bar of the mouth of the Columbia River, five thousand dollars.

River bank at For protection of river-bank at Fort Brown, Texas, seven

thousand dollars.

Reservoirs at sources of Mississippi and other the Mississippi, Saint Croix, Chippewa, and Wisconsin rivers.

Rivers: Completing survey, twenty-five thousand dollars.

Coos Bay and For improving the entrance to Coos Bay and harbor of, Oregon, forty thousand dollars.

Lower Clear For improving Lower Clearwater River, Idaho, five thousand dollars.

For improving Elk River, West Virginia, the sum of five thousand dollars, appropriated by the act of June eight-eenth, eighteen hundred and seventy-eight, is directed to be expended in the removal of obstructions to open navi

gation from Braxton Court House to the mouth of Big Sandy; Provided, however, That not exceeding five hundred dollars thereof may be expended for the improvement of steamboat navigation at Jarrett's Ford, but in no way to obstruct navigation by boats and rafts.

Scuppernong River, North Carolina, two thousand dollars.

Mispillion Riv- For improving Mispillian Creek, Delaware, three thousand dollars.

Polaware River. For improving Delaware River at or near Cherry Island Flats, one hundred thousand dollars.

Kentucky River.
For improving the Kentucky River from the mouth to Three Forks, according to estimate and report of Major William E. Merrill, January fourteenth, eighteen hundred and seventy-nine, one hundred thousand dollars.

Woodbridge For improving Woodbridge Creek, New Jersey, four thousand dollars.

Elizabeth River, New Jersey, to secure a seven-foot channel, seven thousand five hundred dollars.

Rahway River. For improving Rahway River, New Jersey, deepening channel, and removing obstructions, ten thousand dollars.

Flushing Bay. For improving Flushing Bay, New York, twenty thousand dollars.

Yellowstone For improving Yellowstone River, twenty-five thousand dollars.

Mobile Harbor. For improving Mobile Harbor, to secure a seventeenfoot channel, one hundred thousand dollars.

For improving and repairing San Diego Harbor, Cali- San Diego Harfornia, one thousand dollars.

For improving Big Sunflower River, Mississippi, twenty Big Sunflower

thousand dollars.

For improving Coldwater River, Mississippi, seven thou- ar Coldwater Rivsand dollars.

For improving Tallahatchie River, Mississippi, six thou-River.

sand dollars.

For improving Upper Red River from Fulton to the head of Upper Red Rivof the Raft, ten thousand dollars.

For improving Urbana Creek, Virginia, five thousand Urbana Creek.

dollars.

For improving Monongahela River, West Virginia and Monongahela Pennsylvania, to be expended in completing lock and dam

at Hoard's Rock, twenty-four thousand dollars.

Boston Harbor. For improving Boston Harbor, to be expended in the improvement of Anchorage Shoals, the channel at the lower middle, and dredging the upper harbor, near the mouth of Mystic River, fifty thousand dollars.

For improving Staunton River, Virginia, five thousand extra Riversian Rivers

Missouri River. For improving Missouri River at Cedar City, ten thousand dollars.

Missouri River. For improving Missouri River at and near Glasgow,

fifteen thousand dollars.

For improving Bayou La Fourche, Louisiana, including Bayou Laremoval of obstructions and deepening of channel, ten thousand dollars.

For construction of breakwater at New Haven, Connec-New Haven,

ticut, thirty thousand dollars.

For improving entrance to Woods Holl Harbor, Massa-Woods Hole chusetts, fifteen thousand dollars, to secure a channel two hundred feet wide and ten feet deep.

For improving Manasquan River, New Jersey, twelve Manasquan

For improving harbor at Grand Marias, Minnesota, ten Grand Marais thousand dollars.

For improving harbor at Muscatine, Iowa, seven thou-Muscatine Har-

sand five hundred dollars.

For improving White and Saint Francis rivers, Arkan-White and St. sas, twelve thousand dollars.

For improving L'Anguille River, Arkansas, five thou- L'Anguille River, sand dollars.

For ice harbor at or near Cincinnati, Ohio, the sum of Cincinnati ice fifty thousand dollars, appropriated by act of June eight-harbor. 1878, c. 264. eenth, eighteen hundred and seventy-eight, is hereby declared available for the ensuing year.

For improving Cambridge Harbor and Pocomoke River, Cambridge Maryland, two thousand five hundred dollars each.

For improving harbor at Queenstown, Maryland, three Queenstown thousand dollars.

For improving North Landing River, Virginia and North River. Carolina, twenty-five thousand dollars.

Ind.

Lubec For improving Lubec Channel, Maine, ten thousand dollars; and for the purpose of this improvement the unexpended balance of the appropriations made for the improve-

1867, c. 144, 14 ment of the Saint Croix River by the acts of March second, 1873, c. 233, 17 eighteen hundred and sixty-seven, March third, eighteen stat, 565. 1874, c. 457, 18 hundred and seventy-three, and June twenty-third, eighteen stat., 241. hundred and seventy-four, are hereby made available.

Portage Lake For harbor of refuge at Portage Lake, Lake Michigan, harbor of refuge. ten thousand dollars.

Onancock. For Onancock Harbor, Virginia, three thousand dollars.

Trent River. For improving Trent River, North Carolina, seven thousand dollars.

. Tar River. For improving Tar River, North Carolina, three thousand dollars. Aransas

For improving Aransas Pass and Bay up to Rockport and and Bay. Corpus Christi, Texas, thirty-five thousand dollars; which sum shall be expended in deepening the channel across the outer bar of Aransas Pass and the protection of the head Proviso. of Mustang Island: Provided, That if the expenditure of said sum in the manner indicated herein involve the improvement of any channel or way owned or controlled by any corporation or person with the right to levy tolls or otherwise to affect the navigation and commerce thereof, no part of said sum shall be expended until such right. ownership, and control shall have been surrendered and relinquished to the United States, free of cost, in manner

and form to be approved by the Secretary of War. Missouri River. For improvement of Missouri River at Vermillion, Da-

kota, five thousand dollars.

Brunswick For improving Brunswick Harbor, Georgia, twenty Harbor. thousand dollars.

Portsmouth For improving Portsmouth Harbor, New Hampshire, Harbor. ten thousand dollars. Missouri River.

For improving Missouri River, at or near Kansas City, thirty thousand dollars.

Pascagoula For improving Pascagoula River, Mississippi, fourteen River. thousand dollars.

Pearl River. For improving Pearl River, Mississippi from Jackson to Carthage, six thousand dollars.

Osage River. For improving the Osage River, Kansas and Missouri. twenty thousand dollars.

White River, For improving White River, Indiana, from the Wabash River to Portersville and to the Falls on West Fork, according to report of Chief of Engineers, without constructing locks and dams, twenty-five thousand dollars.

St. Anthonys For sluiceway through public works at Saint Anthony's Falls. Proviso. Falls, Minnesota, ten thousand dollars: Provided, That no part of said sum shall be expended for right of way, and that said improvement can be made without expense to the United States further than the actual construction of said sluiceway.

For the protection of the high sand-banks on the Chip-Chippewa Rivpewa River, Wisconsin, to prevent their erosion and depo-1879, c. 32.

sition in the Mississippi River, eight thousand dollars: Provided, That nothing shall be done, nor shall any improvement be made, on the said Chippewa River, under or in pursuance of this act, or the appropriation hereby made, which shall, directly or indirectly, prevent, interfere with, free navigator or obstruct the free navigation of the said river, as hereto-served. fore, by steamboat, or other water craft, or the free use thereof, as heretofore, for the running, floating, guiding, or sheering of loose logs or rafts of lumber, or logs upon or down the same, or which shall directly or indirectly, prevent, obstruct, or interfere with the use of any slough, arm, or branch of the said river, as heretofore, for the holding, assorting, or rafting of logs therein.

Proviso.

For improving Shrewsbury River, New Jersey, ten thou-Shrewsbury

sand dollars.

For improving navigation of Mississippi River, at Quincy, Mississippi

Illinois, twenty thousand dollars.

For improving Harlem River, New York, one hundred thousand dollars; but this appropriation is made subject to the provisions and limitations contained in the act of June eighteenth, eighteen hundred and seventy-eight, relating to said Harlem River improvement and the right of way therefor.

Harlem River.

Proviso. 1878. c. 264.

For improving Delaware River at Schooner Ledge, fifty er Delaware Riv-

thousand dollars:

That the sum of one hundred and fifty thousand dollars [a] uge, Pacific coast. e, and the same is hereby, appropriated, out of any moneys V. 22, p. 209. Post, p. 383. the Treasury not otherwise appropriated, to be expended V. 29, p. 214. Post, p. 761. be, and the same is hereby, appropriated, out of any moneys in the Treasury not otherwise appropriated, to be expended by the Secretary of War in the commencement of the construction of a breakwater and harbor of refuge at such point on the Pacific Ocean between the Straits of [Juan de] Fuca and San Francisco, California, as may, in the opinion of a majority of the board of United States engineers for the Pacific coast, be most suitable, the interests of commerce. local and general, being considered.

For continuing the improvement of Currituck Soundand Sound and Sound North River Bar, North Carolina, twenty-five thousand

dollars.

For dredging a channel in the Potomac River through the flats in front of the landing at Mount Vernon, four thousand dollars.

PotomacRiver.

Yadkin River.

For Yadkin River, North Carolina, twenty thousand dollars.

It shall be the duty of the Secretary of War to apply the Manner of making improvemoney herein appropriated for improvements, other than ments. surveys and estimates, in carrying on the various works by contract or by hired labor, at his discretion, and as in his judgment may be most advantageous to the government: and, where said works are done by contract, such contracts Contracts after shall be made after sufficient public advertisement for pro-advertisement.

a Act of Aug. 2, 1882, authorizes the expenditure of this approoriation in the construction of a harbor of refuge at Port Orford, Oreg. By act of June 3, 1896, the unexpended balance was made available for wharf construction at Graveyard Point, in said harbor.

posals in such manner and form as the Secretary of War shall prescribe: and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

Examinations and surveys.

SEC. 2. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:

The outlet of Lake Winnepesaukee, New Hampshire;

Nantucket Harbor. Massachusetts:

Broad Bay, Virginia;

Link Horn Bay, Virginia; Lin Haven Bay, Virginia; Chincoteaque Inlet, Virginia; Shenandoah River, Virginia and West Virginia.

Cathanse[a], Maine;

The Delaware at Chester and Marcus Hook, Pennsylvania, to acertain its adaptability for an ice-harbor;

New Town Creek, at mouth of East River, New York;

Nanticoke River, Delaware and Maryland; Channel leading into Cabin Creek, Maryland;

Northeast River, Maryland;

Lockwood's Folly River, North Carolina.

Tread Haven [Tred Avon] Creek, Maryland, for a distance of three miles below Eastern [Easton].

Slaughter Creek, Maryland.

Examinations Choptank River, Maryland between Denton and Greensand surveys, conboro';

Secretary Creek [Warwick River], Maryland.

Canal connecting Galveston and Brazos River, Texas.

Bayou Vermillion, Louisiana; Bayou Teche, Louisiana;

Bayou Courtableau, Louisiana;

Coosa River, from the bridge of Selma River, Rane and Dalton [Selma, Rome and Dalton, now known as the East Tennessee, Virginia and Georgia Railroad, to the city of Wetumpka, Alabama;

Duck River, from its mouth to Centerville, Tennessee.

Yallabusha River, Mississippi; Noxubee River, Mississippi;

Cuivre River, Missouri;

The Gasconade River from its mouth to Vienna in Maries County, Missouri;

Arkansas River at Pine Bluff.

1878, c. 264.

tinned

Ohio River and mouth of Little Kanawha River, West Virginia, to ascertain the adaptability of that locality for an ice-harbor, including a report on the cost and merit of that point compared with the mouth of the Muskingum at Marietta, Ohio, surveyed under the provisions of the act of June eighteenth, eighteen hundred and seventy-eight:

Waukegan Harbor, Illinois and Illinois River:

The report submitted under this item related to a survey of Cathance River.

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Alton Harbor, Illinois, and the Mississippi River opposite to the mouth of the Missouri:

Breakwater at Mackinac, Michigan;

Harbor of refuge at entrance to Portage Lake and Lake Superior Ship Canal:

Petaluma Creek, California:

Resurvey of Sabine River, Texas, from its mouth to East Hamilton:

Resurvey of Neches River, Texas, from the mouth of the Neches to Bevelport:

Resurvey of Trinity River, Texas, from its mouth to the

bridge of the Great Northern Railroad.

Charlotte Harbor and Peace Creek, Florida:

Entrance to Cumberland Sound, Florida and Georgia;

Withlacooche River, Florida:

Black River, Arkansas:

Canev Fork [Canev Fork River], Cumberland River,

Tennessee:

Saint Joseph River, from its mouth in Michigan to Elkhart. Indiana, including channel leading up to Benton Harbor:

Trinidad Harbor, California: Sacramento River, California:

Tchula Lake, Mississippi; Archer's Hope River, Virginia;

Susquehanna River, Pennsylvania;

Resurvey of Sebewaing Harbor, Michigan; Resurvey of Clinton River, Michigan;

Resurvey of bar at mouth of Bell River, Michigan;

Aroostook River, Maine, from boundary line to Masardis; Green River and its tributaries, Muddy and Barren Rivers, Kentucky;

Bayou Deglaize [Des Glaises], Louisiana;

Moosebec Bar, Jonesport, Maine;

South River, New Jersey, between Raritan River and Old Bridge;

Bayou Terrebonne, Louisiana;

Tchefuncta, Tichfaw, and Amite Rivers, Louisiana;

Cheesequakes Creek, New Jersey;

Alleghenv River, from French Creek to Olean, New York; Dan River, Virginia, from Clarksville, Virginia, to Danbury, North Carolina (continued);

The Mississippi, from Saint Paul to the Falls of Saint

Anthony;

Oconto River, Wisconsin; Wolf River[a], Wisconsin (continued);

Superior Bay, to determine the best and most economical plan for harbor improvement for the head of Lake Superior;

Resurvey of Ogdensburg Harbor, New York;

Warrior, from Tuscaloosa to Forks of Sipsey and Mulberry, Alabama;

Examinations and surveys, continued.

1879, c. 22,

Sipsey River, Alabama;

The Columbia River at the Dalles in Oregon, including plan and specifications for locks and canal around said point:

For an accurate examination and survey of Alsea Har-

bor, Oregon, and bar in front of it;

Umpqua River, Oregon, between Scottsburg and its

mouth;

The Cowlitz River, Washington Territory, for purpose of ascertaining the cost of removing snags and other obstructions:

Ship canal across Bergen Neck in Hudson County, New

Jersey;

Tuckahoe Creek, Maryland;

Chattahoochie[a] River, Alabama, from Geneva to Newton:

Pea River, Alabama, from Geneva to Elba;

Chevenne River, Dakota;

Continuing survey of the Yellowstone River;

Port Royal [Beaufort] River, near Beaufort South Carolina:

Survey and estimate for York River Virginia;

Pamunkey River, in Virginia; Bayfield Harbor, Wisconsin; Ashland Harbor, Wisconsin;

Morristique [Manistique] River, Michigan;

Approaches from Lake Superior to Saint Mary's Falls Ship-Canal, for a sixteen-foot channel;

Kankakee River, Indiana and Illinois;

For survey of Broad Creek [Broad Creek River], a prong of the Nanticoke River, from its mouth to Laurel, Delaware:

For the resurvey of the outlet to Wolf Lake in Lake

County, Indiana;

For survey of Waccamaw River, North Carolina; For survey of Catawba River, North Carolina;

The Pee Dee Rivers[b], South Carolina;

The Santee River, South Carolina; The Wateree River, South Carolina;

The Broad River, South Carolina;

The Catawba River South Carolina;
For a survey and estimate for a breakwater to be constructed from a point at or near the new canal outlet near New Orleans Louisiana, to the Ponchartrain Railroad

Wharf said breakwater to be so constructed as to serve as a harbor of refuge for all vessels[c].

Expenses of examinations, etc.

Sec. 3. That for the examinations and surveys herein provided for, and for incidental repairs of harbors, for which there is no special appropriation, the sum of one hun-

a Corrected by act approved June 14, 1879, to read Choctawhatchee. b Refers to the Great Pedee and the Little Pedee.

<sup>&</sup>lt;sup>c</sup>The location contemplated for the breakwater was in Lake Pontchartrain.

dred and fifty thousand dollars is hereby appropriated, to be paid out of any moneys in the Treasury not otherwise appropriated.

SEC. 9. That the fourth and succeeding sections of an Eads South act entitled "An act making appropriations for the repair. preservation, and completion of certain public works on 1875, c. 134, 18 rivers and harbors, and for other purposes" approved March Stat., 468. Amended. third, anno Domini eighteen hundred and seventy-five, authorizing James B. Eads and his associates to create and permanently maintain a wide and deep channel between the South Pass of the Mississippi River and the Gulf of Mexico be, and they are hereby, amended so as to provide in lieu of the payments therein provided, that payment to said Eads or his legal representatives shall be made as follows, namely:

The Secretary of War is hereby authorized and directed Fayments to to draw his warrant upon the Secretary of the Treasury of the United States in favor of said James B. Eads or his legal representatives for the sum of seven hundred and fifty thousand dollars, which said sum is hereby appropriated; and the Secretary of the Treasury is hereby authorized and directed to pay to said Eads or his legal representatives, out of any money in the Treasury not otherwise appropri-

ated, the sum for which said warrant is drawn.

When a channel shall have been obtained by the action of the jetties and auxiliary works authorized by said act twenty-five feet in depth, and not less than two hundred feet in width at the bottom, through the said jetties, there shall be paid five hundred thousand dollars.

When a channel shall have been obtained through the jetties twenty-six feet in depth, and not less than two hundred feet in width at the bottom, there shall be paid five

hundred thousand dollars.

When a channel thirty feet in depth, without regard to width, shall have been obtained through the jetties, there shall be paid five hundred thousand dollars; and the one million dollars provided by the hereinbefore-recited act to be paid by the United States in ten and twenty years shall be earned by said Eads and his associates, and the same, with interest shall be paid to said Eads or his legal representatives, at the times and in the manner provided by said act.

The one hundred thousand dollars per annum provided by said recited act to be paid to said Eads and his associates during a period of twenty years shall be paid at the times and in the manner therein provided; upon the maintenance by said Eads and his associates of a channel through the jetties twenty-six feet in depth, not less than two hundred feet in width at the bottom, and having through it a central depth of thirty feet without regard to width.

Nothing herein contained shall be so construed as to repeal or in any wise affect the provisions of the amendatory act approved June nineteenth, anno Domini eighteen hun-

dred and seventy-eight, by which said Eads is entitled to receive certain moneys to pay for materials furnished, labor done, and expenditures incurred in the construction of the 1875, c. 184, 18 work at the mouth of the Mississippi River; and the whole Stat., 463. of the hereinbefore-recited act, approved March third, anno Domini eighteen hundred and seventy-five, except as the same is hereby expressly modified or amended; or has by act heretofore passed been modified or amended, shall be and remain in full force, and have the same effect as if this act had not been passed.

Approved, March 3, 1879.

May 13, 1879. Vol. 21, p. 4.

CHAP. 6.—An Act Making appropriations for constructing ietties and other works at South Pass, Mississippi River.

Be it enacted by the Senate and House of Representatives Appropriation. of the United States of America in Congress assembled, That the requisite amount is hereby appropriated out of any money in the Treasury not otherwise appropriated, to enable the Secretary of War to cause to be paid all money that may become due and owing to James B. Eads

Eads jetties.

and his associates, or that may become payable to said Eads, his assigns or legal representatives, in accordance

1875, c. 134, 18 with the provisions of the act approved March third, eighteen hundred and seventy-five, and the acts amendatory thereof, and to continue the monthly payments in the manner and to the full extent of the amount specified in

1878, c. 313. 20 Stat., 168.

Proviso.

Reserve

appropriated.

the act approved June nineteenth, eighteen hundred and seventy-eight, chapter three hundred and thirteen, Statutes at Large: Provided, That nothing herein contained shall be held or construed as waiving or impairing any right

Proviso.

which the United States may have under the original act hereinbefore referred to or the several acts amendatory thereof: And provided further, That nothing in this act shall be construed as making an appropriation for the payment of the one million of dollars which by the provisions of the act of March third, eighteen hundred and seventyfive are to remain as security in the possession of the United States and only to become payable, one-half at the

end of ten years and the residue at the end of twenty years after the completion of the work provided for in said acts as ascertained and determined by the Secretary of War.

Approved, May 13, 1879.

June 10, 1879. Vol. 21, p. 8.

CHAP. 15.—An Act To amend an Act entitled "An Act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors and for other purposes," approved March third, eighteen hundred and seventy-nine.

Be it enacted by the Senate and House of Representatives River improve of the United States of America in Congress assembled, That 1879, c. 181, 20 such parts of the moneys heretofore appropriated by Stat., 364, 370. the act of which this is amendatory for the improvement of the Great Kanawha River in West Virginia and the Kanawha Kentucky River in the State of Kentucky as may be neces-Kentucky sary in the prosecution of said improvements as under-Purchase of taken may be expended in the purchase, voluntary or by land. condemnation as the case may be, of such sites as are necessary in the prosecution of said improvements: Provided, That such expenditure shall be under the direction of the Secretary of War: And provided further, That if the owners of such lands or sites shall refuse to sell the same at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

Proviso.

Condemnation.

Approved, June 10, 1879.

CHAP. 22.—An Act To correct an error in "An Act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes" approved March third, eighteen hundred and seventy-nine.

June 14, 1879.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Improvement so much of the act entitled "An act making appropriations hatchee River. for the construction, repair, preservation, and completion stat., 374. c. 181, 20 of certain works on rivers and harbors, and for other purposes," approved March third, eighteen hundred and seventy-nine, as, provides for the survey of "Chattahoochee" River, between Geneva and Newton, in Alabama, be, and the same is hereby, corrected so as to read, "Choctawhatchee" River, Alabama, from Geneva to Newton.

Approved, June 14, 1879.

CHAP. 32.—An Act To authorize the Secretary of War to use certain moneys appropriated by Act of Congress approved March third, eighteen hundred and seventy-nine, "for the protection of the high sand-banks on the Chippewa River," in the completion and protection of improvements in and near the mouth of said Chippewa River.

June 19, 1879. Vol. 21, p. 23.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress Assembled, That Chippewa Rivthe Secretary of War be, and he is hereby, authorized, in 1879, c. 181, 20 his discretion, to apply and use for the completion and pro-Stat., 372. tection of the wing-dams, jetties, and other improvements of the Chippewa River in the State of Wisconsin, located at and near the mouth of said river, so much of the moneys Use of approappropriated by an act of Congress approved March third, eighteen hundred and seventy-nine, entitled "An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes," as were appropriated "for the protection of the high sand banks on the Chippewa River," and so forth, as may be required for such purpose herein provided: Provided, That such use or application of the

moneys herein authorized shall be made under the same limitations and conditions as provided in the act hereinbefore named, and subject to the terms and conditions of the proviso attached to said appropriation for said Chippewa River in said act approved. March third, eighteen hundred and seventy-nine.

Approved, June 19, 1879.

June 28, 1879. Vol. 21, p. 37.

CHAP. 43.—An Act To provide for the appointment of a "Mississippi River Commission" for the improvement of said river from the Head of the Passes near its mouth to its headwaters.

Be it enacted by the Senate and House of Representatives

er Commission. Vol. 31, p. 792. Post, p. 936.

Number.

Selection.

Vacancies.

President.

Duties.

Detail istants, etc.

of the United States of America in Congress assembled, That MississippiRiv- a commission is hereby created, to be called "The Mississippi River Commission," to consist of seven members[a]. SEC. 2. The President of the United States shall, by and

with the advice and consent of the Senate, appoint seven commissioners, three of whom shall be selected from the Engineer Corps of the Army, one from the Coast and Geodetic Survey, and three from civil life, two of whom shall be civil engineers. And any vacancy which may occur in the commission shall in like manner be filled by the President of the United States; and he shall designate one of the commissioners appointed from the Engineer Corps of the Army to be president of the commission. missioners appointed from the Engineer Corps of the Army

compensation pay or compensation than is now allowed them by law. and the other three commissioners shall receive as pay and compensation for their services each the sum of three thousand dollars per annum; and the commissioners ap-Tenureofoffice. pointed under this act shall remain in office subject to

and the Coast and Geodetic Survey shall receive no other

removal by the President of the United States.

Sec. 3. It shall be the duty of said commission to direct and complete such surveys of said river, between the Head of the Passes near its mouth to its headwaters as may now be in progress, and to make such additional surveys, examinations, and investigations, topographical, hydrographical, and hydrometrical, of said river and its tributaries, as may be deemed necessary by said commission to carry out the objects of this act. And to enable said commission to complete such surveys, examinations, and investigations, the Secretary of War shall, when requested by said comas mission, detail from the Engineer Corps of the Army such officers and men as may be necessary, and shall place in the charge and for the use of said commission such vessel or vessels and such machinery and instruments as may be

<sup>&</sup>lt;sup>a</sup>Act approved February 18, 1901, amends this act by adding thereto a section providing that the headquarters and general offices of the Commission shall be located at some town on the river, etc.

under his control and may be deemed necessary. And the Secretary of the Treasury shall, when requested by said commission, in like manner detail from the Coast and Geodetic Survey such officers and men as may be necessary, and shall place in the charge and for the use of said commission such vessel or vessels and such machinery and instruments as may be under his control and may be deemed necessary. And the said commission may, with the approval of the Secretary of War, employ such additional Additional force and assistants, and provide, by purchase or other-force. wise, such vessels or boats and such instruments and means

as may be deemed necessary.

Sec. 4. It shall be the duty of said commission to take into consideration and mature such plan or plans and estimates as will correct, permanently locate, and deepen the channel and protect the banks of the Mississippi River; improve and give safety and ease to the navigation thereof: prevent destructive floods; promote and facilitate commerce, trade, and the postal service; and when so prepared and matured, to submit to the Secretary of War a full and detailed report of their proceedings and actions, and of such plans, with estimates of the cost thereof, for the purposes aforesaid, to be by him transmitted to Congress: Provided, That the commission shall report in full upon the practicability, feasibility, and probable cost of the various plans known as the jetty system, the levee system, and the outlet system, as well as upon such others as they deem necessarv.

Proviso.

SEC. 5. The said commission may, prior to the comple- Immediate tion of all the surveys and examinations contemplated by this act, prepare and submit to the Secretary of War plans, specifications, and estimates of costs for such immediate works as, in the judgment of said commission, may constitute a part of the general system of works herein contemplated, to be by him transmitted to Congress.

SEC. 6. The Secretary of War may detail from the Engineer Corps of the Army of the United States an officer to Secretary.

act as secretary of said commission.

Appropriation.

SEC. 7. The Secretary of War is hereby authorized to expend the sum of one hundred and seventy-five thousand dollars, or so much thereof as may be necessary, for the payment of the salaries herein provided for, and of the necessary expenses incurred in the completion of such surveys as may now be in progress, and of such additional surveys, examinations, and investigations as may be deemed necessary, reporting the plans and estimates, and the plans, specifications, and estimates contemplated by this act, as herein provided for; and said sum is hereby appropriated for said purposes out of any money in the Treasury not otherwise appropriated.

Approved, June 28, 1879.

H. Doc. 425, 58-3-20

June 28 1879. Vol. 21, p. 54,

[No. 19.] Joint Resolution Authorizing a survey of the Mississippi River near Lake Concordia, Louisiana, and Cowpen Bend, Missis-

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Examination the Secretary of War be and he is hereby authorized and Mississippi Riv-directed to order a survey and recommendations thereon of the Mississippi River near Lake Concordia, Louisiana, and of Cowpen Bend, Mississippi, looking to the protection of the harbors of Natchez and Vidalia by restraining the river from cutting into Lake Concordia, and of the Charenton Canal in St. Mary's Parish, Louisiana, out of moneys already appropriated for surveys and examinations by act of Congress of March third, eighteen hundred and seventy-nine.

Approved, June 28, 1879.

Jan. 23, 1880. Vol. 21, p. 61.

CHAP. 10.—An Act Directing the removal of obstructions from the harbor at the Delaware Breakwater.

Beit enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Removal of ob- the Secretary of War be, and he is hereby, directed to cause bor at Delaware to be removed from the harbor at the Delaware Breakwater and the entrance thereto and in the main ship channel of the Delaware Bay and River several vessels which were sunk in the year eighteen hundred and seventy-seven, and now forming obstructions endangering the safety of vessels entering said harbor after reasonable notice to the owners of such vessels to remove the same, and the sum of twenty-

Notice.

Breakwater.

Appropriation. five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for that purpose, out of any money in the Treasury not otherwise appropriated.

Approved, January 23, 1880.

May 18, 1880. Vol. 21, p. 141.

ished.

CHAP. 95.—An Act To abolish all tolls at the Louisville and Portland Canal.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Tolls at Louis after the first day of July, eighteen hundred and eighty, no land Canal about tolls shall be charged or collected at the Louisville and Portland Canal, but the Secretary of War shall be authorized to draw his warrant from time to time upon the Secretary of the Treasury to pay the actual expenses of operating and keeping said canal in repair[a].

Approved, May 18, 1880.

a The Treasury Department has decided that this act does not appropriate money for operating and caring for the canal.

CHAP. 211.—An Act Making appropriations for the construction. repair, completion, and preservation of certain works on rivers and harbors, and for other purposes.

June 14, 1880. Vol. 21, p. 180.

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Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Public works the following sums of money be, and are hereby, appro-harbors. priated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction Appropriate of the Secretary of War, for the construction, repair, completion, and preservation of the public works hereinafter named:

Improving the gut[a] opposite Bath, Maine: Continuing Harbors in improvement, seven thousand dollars.

Improving harbor at Belfast, Maine: Continuing opera-

tions, three thousand dollars.

Improving Richmond Island Harbor, Maine; Continuing operations, three thousand dollars.

For the completion of the improvement of Lubec Chan-

nel, Maine, twenty thousand dollars.

Improving harborat Portsmouth, New Hampshire: Con-New Hamptinuing improvement, twenty-five thousand dollars.

Improving harbor at Burlington, Vermont: Continuing Vermont.

improvement, ten thousand dollars.

Improving harbor at Swanton, Vermont: Continuing improvement, two thousand five hundred dollars.

Improving harbor at Plymouth, Massachusetts: Con-

tinuing operations, ten thousand dollars.

Improving harbor at Provincetown, Massachusetts: Maintenance and annual repairs, five hundred dollars.

Improving harbor at Bridgeport, Connecticut: Continu-

ing improvement, ten thousand dollars.

Improving Nantucket Harbor, Massachusetts, fifty thousand dollars.

Improving harbor at Milford, Connecticut: Continuing improvement, five thousand dollars.

Improving harbor at New Haven, Connecticut: Continu-

ing improvement, fifteen thousand dollars.

Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars; and so much of said appropriation as shall be necessary therefor shall be so expended as to have the channel six feet deep at low water between the steamboat landing in said Norwalk and Long Island Sound.

Improving harbor of Southport, Connecticut: Continuing

improvement, two thousand five hundred dollars.

Improving harbor at Buffalo, New York: Continuing im- New York. provement, ninety thousand dollars.

Improving harbor at Charlotte, New York: Repair of

piers, five thousand dollars.

Improving harbor at Dunkirk, New York: Continuing improvement, ten thousand dollars.

Massachusetts.

Connecticut.

a The Gut is a part of the Sasanoa (or Back) River.

Improving Echo Harbor, New Rochelle, New York: Continuing improvement, three thousand dollars.

Improving harbor at Great Sodus Bay, New York: Con-

tinuing operations, three thousand dollars.

Improving harbor at Little Sodus Bay, New York: Con-

tinuing operations, twenty thousand dollars.

Oak Orchard Improving harbor at Oak Orchard, New York: Contin-Harbor. uing operations, five hundred dollars.

Cathance River, Me. New York.

Improving Cathance River, Maine, ten thousand dollars. Improving harbor at Oswego, New York: Continuing improvement, ninety thousand dollars.

Improving harbor at Plattsburg, New York: For dredg-

ing, one thousand dollars.

Improving harbor at Port Jefferson, Long Island Sound, New York: Continuing operations, three thousand dollars. Improving harbor at Pultneyville, New York: Continuing operations, three thousand dollars.

Erie Harbor,

Improving harbor at Erie, Pennsylvania: Continuing Pa. improvement, twenty-five thousand dollars.

Delaware pier. Constructing pier in Delaware Bay, near Lewes, Delaware: Continuing operations, ten thousand dollars.

Piers of ice-harbor at New Castle, Delaware: Continuing

operations, three thousand dollars.

Wilmington Harbor.

Improving harbor at Wilmington, Delaware: To dredge the bar and channel at the mouth of the Christiana River. and make such survey as may be necessary to determine the site of such works as may be necessary for the permanent improvement of said river: Continuing operations. ten thousand dollars.

Maryland.

Improving harbor at Baltimore, Maryland: Continuing operations, one hundred thousand dollars.

Improving Breton Bay, Leonardtown, Maryland: Con-

tinuing improvement, three thousand dollars.

Dist. Columbia.

Improving the harbors and channels at Washington and Georgetown, District of Columbia: Continuing the improvements, including the removal of rocks, forty thousand dollars.

Virginia.

Improving harbor at Norfolk, Virginia, and its approaches: Continuing improvement, fifty thousand dollars. Improving harbor at Onancock, Virginia: Continuing

improvement, five thousand dollars.

South Carolina.

Improving harbor at Charleston, South Carolina: Continuing improvement, one hundred and seventy thousand dollars.

Georgia.

Improving harbor at Savannah and Savannah River, Georgia: Continuing improvement, sixty-five thousand dollars.

Improving harbor at Brunswick, Georgia: Continuing

improvement, ten thousand dollars. Florida.

Improving harbor at Cedar Keys, Florida: Continuing improvement, fifteen thousand dollars.

Improving harbor at Pensacola, Florida: Continuing improvement, forty thousand dollars.

Alabama.

Indiana.

Improving harbor at Mobile, Alabama: Continuing im-

provement, one hundred and twenty-five thousand dollars.

Improving Mississippi River at and near Vicksburg, and River at Vicksprotection of harbor at Vicksburg, Mississippi: Continuing burg.

improvement, twenty thousand dollars. Improving harbor at New Orleans, Louisiana: Continu-Louisiana.

ing improvement, seventy-five thousand dollars.

Improving outer bar, Galveston Harbor, Texas: Con-Texas. tinuing operations, one hundred and seventy-five thousand dollars.

Ohio. Improving harbor at Ashtabula, Ohio: Continuing opera-

tions, twenty thousand dollars.

Improving harbor at Black River, Ohio: Continuing op- (Lorain). River

erations, one thousand dollars.

Improving harbor at Cleveland, Ohio: Continuing improvement, one hundred and twenty-five thousand dollars.

Improving harbor at Conneaut, Ohio: Continuing opera-

tions, six thousand dollars.

Improving harbor at Fairport, Ohio: Continuing operations, three thousand dollars.

Improving harbor at Huron, Ohio: Continuing opera-

tions, three thousand dollars.

Ice-harbor at mouth of Muskingum River, Ohio: Con-Muskingum tinuing operations fifty thousand dollars.

Improving harbor at Port Clinton, Ohio: Continuing

operations, five thousand dollars.

Improving and surveying harbor at Sandusky City. Ohio: Continuing operations, twelve thousand five hundred dollars.

Improving harbor to the depth of sixteen feet at Toledo, Ohio.

Ohio: Continuing operations, thirty thousand dollars.

Improving harbor at Vermillion, Ohio: Continuing oper-

ations, two thousand dollars.

Improving outside harbor at Michigan City, Indiana: Continuing operations, forty thousand dollars; to be used and expended in improving the inner harbor, the additional sum of fifteen thousand dollars.

Illinois. Improving harbor at Calumet, Illinois: Continuing im-

provement, twenty thousand dollars.

Improving outside harbor at Chicago, Illinois: Continuing improvement, including commencement of construction of exterior breakwater, one hundred and forty-five thousand dollars.

Improving Galena River and Harbor, Illinois: Continu-

ing improvement, twelve thousand dollars.

Improving harbor and the Mississippi River at Memphis, Mississippi Tennessee: Continuing improvement, fifteen thousand dol-phis.

Improving harbor and river at Au Sable, Michigan: Michigan.

Continuing operations, seven thousand dollars.

Improving harbor at Black Lake, Michigan: Continuing (Holland). operations, six thousand dollars.

Improving harbor at Charlevoix, Michigan: Continuing improvement, ten thousand dollars.

Massachusatto

Improving harbor at Boston, Massachusetts, seventvfive thousand dollars; of which sum thirty thousand dollars shall be expended in the said harbor: twenty-two thousand five hundred dollars at the mouth of Charles River in said harbor and up to Watertown; seventeen thousand five hundred dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach.

Michigan.

Improving harbor at Cheboygan, Michigan: Continuing

operations, six thousand dollars.

Improving harbor at Grand Haven, Michigan: Continuing operations, fifty thousand dollars.

Harbor of refuge at Lake Huron: Continuing opera-Sandbeach (Harbor Beach). tions, seventy-five thousand dollars.

Improving harbor at Ludington, Michigan: Continuing

operations, eight thousand dollars.

Improving harbor at Manistee, Michigan: Continuing

improvement, ten thousand dollars.

Improving harbor at Marquette, Michigan: For repairs

of existing work one thousand dollars.

Improving harbor at Monroe, Michigan: Continuing operations, two thousand dollars.

Improving Manistique Harbor, Michigan, five thousand

dollars.

Improving harbor at Muskegon, Michigan: Continuing

operations, seven thousand five hundred dollars.

Improving harbor at Ontonagon, Michigan: Continuing improvement, fifteen thousand dollars; of which sum two thousand dollars shall be expended in dredging.

Improving harbor at Pentwater, Michigan: Continuing

operations, four thousand dollars.

Harbor of refuge at Portage Lake, Lake Michigan: Con-

tinuing operations, ten thousand dollars.

Improving river and harbor at Saint Joseph, Michigan, including channel leading up to Benton Harbor: Continuing operations, eight thousand dollars.

Improving harbor at Saugatuck, Michigan: Continuing

improvement, five thousand dollars.

Improving harbor at South Haven, Michigan: Continu-

ing improvement, five thousand dollars. -

Improving harbor at White River, Michigan: Continu-

ing operations, five thousand dollars.

Wisconsin.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, seven thousand dollars.

Improving harbor at Green Bay, Wisconsin: Continuing

improvement, six thousand dollars.

Improving harbor at Kenosha, Wisconsin: Continuing

improvement, five thousand dollars.

Improving harbor at Manitowoc, Wisconsin: Continuing operations, seven thousand dollars.

Improving harbor at Menomonee, Wisconsin: Continu-

ing improvement, ten thousand dollars.

Improving harbor at Milwaukee, Wisconsin: Continu-Milwaukee ing operations, ten thousand dollars.

Improving harbor at Port Washington, Wisconsin: Continuing improvement, twenty thousand dollars.

Improving harbor at Racine, Wisconsin: Continuing

operations, six thousand dollars.

Improving harbor at Sheboygan, Wisconsin: Repairs and

dredging, seven thousand dollars.

Improving Superior Bay, Wisconsin: Dredging for improvement of natural entrance, and for repairing existing

works, five thousand dollars.

Harbor of refuge at entrance of Sturgeon Bay Canal. Wisconsin: Continuing improvement, ten thousand dollars: Provided. That said sum shall not be expended until any private or corporate right which may exist to impose charges for the use of said harbor shall have been relinguished in manner satisfactory to the Secretary of War.

Improving harbor at Two Rivers, Wisconsin: Continuing

improvement, twenty thousand dollars.

Improving Rush Chute and harbor of Burlington, Iowa:

Continuing operations, five thousand dollars.

Improving harbor at Muscatine, Iowa: Continuing the improvement, seven thousand five hundred dollars.

Improving harbor at Duluth, Minnesota: Continuing the

improvement, twenty-five thousand dollars.

Improving harbor at Grand Marais, Minnesota: Continuing the improvement, ten thousand dollars.

Improving Kennebunk River, Maine: Continuing opera-

tions, two thousand dollars. For improving Exeter River, in the State of New Hamp-

shire, twenty thousand dollars.

Improving Otter Creek, Vermont: Continuing improve-

ment, two thousand dollars.

Improving harbor at Newburyport, Massachusetts, fifty

thousand dollars. Improving Merrimac River, Massachusetts: Continuing

operations, twelve thousand dollars.

Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement, sixty thousand dollars.

Improving Little Narragansett Bay, Rhode Island: Con-

tinuing improvement, five thousand dollars.

Improving Connecticut River, below Hartford, Connecticut: Continuing improvement, ten thousand dollars.

Improving Housatonic River, Connecticut: Continuing

improvement, two thousand dollars.

Constructing breakwater at New Haven, Connecticut:

Continuing operations, thirty thousand dollars.

Improving Thames River, Connecticut: Continuing improvement, twenty-five thousand dollars; of which sum, two thousand five hundred dollars shall be expended in the removal of rocks and sand from New London Harbor.

Removing obstructions in East River and Hell Gate, East River and Hell Gate, Hell Gate. New York: Continuing improvement, two hundred thousand dollars.

Iowa.

Minnesota.

Rivers.

Exeter.

Otter Creek.

Merrimac.

Providence.

Connecticut.

Housatonic.

Thames.

Passaic.

Allegheny.

Schuylkill.

Delaware

Wicomico.

Potomac.

Improving East Chester Creek, New York: Continuing East Chester improvement, three thousand five hundred dollars.

Improving Hudson River, New York: Continuing oper-Hudson. ations, twenty thousand dollars.

Improving Cohansey Creek, New Jersey: Continuing improvement, four thousand five hundred dollars. Cohansev Creek.

Elizabeth Improving Elizabeth River, New Jersey: Continuing

improvement, seven thousand five hundred dollars.

Improving Manisquan River, New Jersey: Continuing Manasquan. improvement, twenty thousand dollars.

Împroving Passaic River above Newark, New Jersev:

Continuing improvement, two thousand dollars.

Improving Rahway River, New Jersey: Continuing im-Rahway. provement, ten thousand dollars.

Improving Salem River, New Jersey: Continuing im-

Salem. provement, three thousand dollars.

Improving Shrewsbury River, New Jersey: Continuing Shrewsbury. improvement, thirty thousand dollars.

Improving Woodbridge Creek, New Jersey: Continuing Woodbridge improvement, five thousand dollars.

Improving South River, Middlesex County, New Jersey. South.

forty thousand dollars. Improving harbor at Frankfort, Michigan, five thousand dollars, to be expended in extending piers or dredging, at

discretion of Secretary of War. Improving navigation of Allegheny River from mouth of French Creek to Pittsburgh, Pennsylvania: Continuing

operations, twenty thousand dollars. Improving Schuylkill River, Pennsylvania: Continuing

improvement, forty thousand dollars.

Improving Delaware River, below Bridesburg, Pennsylvania: Continuing improvement, eighty-five thousand dollars: of which sum forty thousand dollars shall be expended at or near Petty's Island, between said island and Philadelphia, and ten thousand dollars at or near Smith's Island, between Philadelphia and Camden, through the sand-spit.

Improving Delaware River, between Trenton, New Jersey, and Bridesburg, Pennsylvania: Continuing operations, ten thousand dollars.

Improving Delaware River at Schooner Ledge: Continuing improvement, forty thousand dollars.

Improving Delaware River, near Cherry Island Flats: Continuing improvement one hundred thousand dollars.

Mispillion Improving Mispillion Creek, Delaware: Continuing improvement, four thousand dollars.

Improving Wicomico River[a], Maryland, below Salisbury: Continuing operations, five thousand dollars.

Annapolis Har-Improving harbor at Annapolis, Maryland, five thousand dollars.

> Dredging a channel in the Potomac River, through the flats in front of Mount Vernon, Virginia: Continuing operations, three thousand dollars.

a On the eastern shore.

Appomattox.

Raritan.

Neuse.

Nomini Creek.

Improving Appomattox River, Virginia: Continuing im-

provement, twenty thousand dollars.

Improving Blackwater River, Virginia: Continuing operBlackwater.

ations, three thousand five hundred dollars.

Improving Chickahominy River, Virginia: Continuing Chickahomoperations, two thousand dollars.

Improving James River, Virginia: Continuing improve- James.

ment, seventy-five thousand dollars.

Improving New River, from mouth of Wilson, in Grayson County, Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum twelve thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier, up; seven thousand dollars in the continuation of the work formerly prosecuted on the river in Wythe County, and five thousand dollars between the lead mines in Wythe County and the mouth of Wilson, in Grayson County.

Improving Raritan River, New Jersey, one hundred thousand dollars; of which sum seventy thousand dollars shall be expended in the removal of rocks at Whitehead's sand-dock, and thirty thousand dollars for dredging the

shoals at the Middle Ground.

Improving mouth of Nomoni Creek, Virginia: Continu-

ing operations, five thousand dollars.

Improving North Landing River, Virginia and North North Landing. Carolina: Continuing improvement, fifteen thousand dol-

Improving Rappahannock River, Virginia: Continuing Rappahan-

improvement, twenty-five thousand dollars.

Improving Staunton River, Virginia: Continuing im- Staunton.

provement, seven thousand five hundred dollars.

Improving Urbana Creek, Virginia: Continuing improve- Urbana Creek.

ment, two thousand five hundred dollars.

Improving Great Kanawha River and operation of Kanawha. works, West Virginia: Continuing improvement, two hundred thousand dollars.

Improving Guyandotte River, West Virginia: Continu- Guyandot.

ing improvement, two thousand dollars.

Improving Cape Fear River, North Carolina: Continu- Cape Fear.

ing improvement, seventy thousand dollars.

Continuing improvement of Currituck Sound, Coanjok Sound.

Bay, and North River Bar, North Carolina: Continuing North River improvement, twenty-five thousand dollars.

Improving French Broad River, North Carolina: Con-French Broad

tinuing improvement, three thousand dollars.

Improving Neuse River, North Carolina, from its mouth to the head of navigation: Continuing improvement, forty-

five thousand dollars.

Improving Pamlico and Tar Rivers, North Carolina: Pamlico and Continuing operations, nine thousand dollars.

Improving Scuppernong River, North Carolina: Continuing improvement, one thousand dollars.

Improving Trent River, North Carolina: Continuing im-

provement, ten thousand dollars.

Ocmulgee.

Pascagoula.

Chattahoochee River, Georgia: Continuing improvement, twenty thousand dollars.

Coosa. Improving Coosa River, Georgia and Alabama: Contin-

uing improvement, seventy-five thousand dollars.

Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum ten thousand dollars shall be expended below Albany, and ten thousand dollars between Albany and Montezuma.

Improving Ocmulgee River, Georgia: Continuing oper-

ations, seven thousand dollars.

Oconee. Improving Oconee River, Georgia: Continuing operations, one thousand five hundred dollars.

Oostenaulaand Improving Oostenaula and Coosa wattee Rivers, Georgia:

Continuing operations, two thousand dollars.

Apalachicola. Improving Apalachicola River, Florida: Continuing im-

provement, two thousand dollars.

Improving Apalachicola Bay, Florida, ten thousand

dollars.

Choctaw - Improving Choctawhatchee River, Florida and Alabama up to Newton: Continuing operations, seven thousand dollars.

Passage between Fernandina and Saint meand st. John's, Florida: Continuing improvement, at such point as may be selected by the chief engineer, and approved by

the Secretary of War, seven thousand dollars.

Alabama. Improving Alabama River, Alabama: Continuing im-

provement, twenty-five thousand dollars.

Warrior and Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, forty-seven thousand dollars; of which sum twenty thousand dollars shall be expended on the Warrior, twelve thousand dollars on the Tombigbee between Columbus and Vienna, and fifteen thousand dollars on the Tombigbee below Vienna.

Improving Tombigbee River above Columbus, Mississippi: Continuing improvement, four thousand dollars.

Big Sunflower River Mississippi: Continuing improvement, eight thousand dollars.

Coldwater. Improving Coldwater River, Mississippi: Continuing improvement, four thousand dollars.

Improving Pascagoula River, Mississippi: Continuing

improvement, twenty thousand dollars.

Pearl. Improving Pearl River, Mississippi, from Jackson to Carthage: Continuing improvement, seven thousand five hundred dollars.

Yazoo. Improving Yazoo River, Mississippi: Continuing improvement, twelve thousand dollars.

Bayou La Improving Bayou La Fourche, Louisiana: Continuing improvement, five thousand dollars.

Red River. Removing obstructions from Red River, Louisiana: Continuing operations, including construction of snag-boat, sixty thousand dollars.

Tones Bayou. Removing raft in Red River and closing Tone's Bayou, Louisiana: Continuing operations, twenty five thousand dollars.

Improving Tallahatchee River, Mississippi: Continuing improvement, nine thousand dollars, of which sum four thousand dollars shall be expended below Coldwater and five thousand dollars between the mouth of Coldwater and Batesville.

Tallahatchie.

Improving Aransas Pass and Bay, up to Rockport and Aransas Pass and Bay. Doog Corpus Christi, Texas: Continuing improvement, sixty-five thousand dollars.

Neches. Improving Neches River, Texas: Continuing operations. five thousand dollars.

Improving Pass Cavallo Inlet into Matagorda Bay, Pass Pass Cavallo Texas: Continuing improvement, fifty thousand dollars.

Improving ship-channel, Galveston Bay: Continuing im-

provement, fifty thousand dollars.

Improving Sheepshead Bay, New York, three thousand Bay. Sheepshead dollars.

Canarsie Bay. Improving Canarsie Bay, New York, ten thousand dol-

Improving Nottoway River, Virginia, five thousand dol- ar Nottoway Riv-

Improving Rockland Harbor, Maine, twenty thousand Rockland Hardollars.

Improving Flushing Bay, New York, fifteen thousand dollars: Provided, That in the judgment of the engineer in charge this expenditure can be made without serious detriment to property interests on the Newtown side.

Improving Narrows of Sabine River, above Orange, Texas, and to deepen channel at its mouth: Continuing

improvement, five thousand dollars.

Improving Sabine Pass and Blue Buck Bar, Texas: Con-

tinuing improvement, fifty thousand dollars.

Improving Trinity River, Texas: Continuing operations, Trinity.

four thousand dollars.

Improving Arkansas River between Fort Smith, Arkansas, and Wichita, Kansas: Continuing the improvement. fifteen thousand dollars.

Improving Fourche Le Fevre River, Arkansas: Contin- Fourche Le Feuing improvement, four thousand dollars.

Improving L'Anguille River, Arkansas: Continuing improvement, two thousand dollars.

Improving Ouachita River, Arkansas and Louisiana:

Continuing improvement, eight thousand dollars.

Improving White and Saint Francis Rivers, Arkansas: White

Continuing improvement, twelve thousand dollars.
Improving Cumberland River, above Nashville, Tennessee, as follows: From Nashville to Kentucky line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, ten thousand dollars; at Smith's Shoals, twenty thousand dollars.

Improving Cumberland River, below Nashville, Tennessee: Continuing improvement, twenty thousand dollars.

Improving Hiawassee River, Tennessee: Continuing oper- Hiwassee. ations, three thousand dollars.

Galveston Bay.

Flushing Bay. Proviso

Sabine River.

Sabine Pass.

Arkansas.

L'Anguille.

Ouachita.

White and St.

Cumberland.

Tennessee

Proviso

Improving Tennessee River, above Chattanooga: Contin-

uing the improvement, ten thousand dollars.

Improving Tennessee River, below Chattanooga, including Muscle Shoals, Duck River Shoal, and shoal at Revnoldsburg: Continuing operations, three hundred thousand

Big Sandy. Improving Big Sandy River, from Catlettsburg, Ken-

tucky, to head of navigation, fifty-five thousand dollars: of which sum fifty thousand dollars shall be expended in the construction of works at Louisa, according to the recommendations of William E. Merrill, Major of Engineers, in his annual report, dated August twelfth, eighteen hundred and seventy-nine, and five thousand dollars in the further

improvement of the upper river.

Improving Kentucky River from its mouth to Three Kentucky. Forks: Continuing operations, one hundred thousand dol-

Improving Ohio River: Continuing the improvement, Ohio. two hundred and fifty thousand dollars; of which sum one hundred thousand dollars shall be expended on Davis Island Dam, and one hundred and fifty thousand dollars on the

river from its mouth to its head: Provided, That ten thou-Proviso sand dollars of the last named sum may, in the discretion

of the engineers, be expended on Indiana Chute: And provided further, That twenty-five thousand dollars of the sum for the improvement of the Ohio River shall be applied to continuing the improvement at Grand Chain on

said river.

Improving Wabash River, Indiana: Continuing improve-Wabash.

ment, twenty-five thousand dollars.

Sandusky. Improving Sandusky River, Ohio: Continuing improve-

ment, ten thousand dollars.

White. Improving White River, Indiana, from Wabash River to Portersville, and to the falls on West Fork: Continuing

operations, twenty thousand dollars.

Improving Illinois River: Continuing improvement, one Illinois. hundred and ten thousand dollars, of which sum one hundren thousand dollars shall be expended on locks and dams

and ten thousand dollars for dredging.

Mississippi Missouri, and Arkansas.

Improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, wrecks, and other obstructions, two hundred thousand dollars; of which sum one hundred thousand dollars shall be expended on the Mississippi River, sixtyfive thousand dollars on the Missouri, and thirty-five thou-

sand dollars on the Arkansas.

Improving Mississippi River, between the mouths of the Mississippi. Illinois and Ohio Rivers: Continuing improvement, two hundred and fifty thousand dollars; of which sum twenty thousand dollars shall be expended at Kaskaskia Bend,

Harbor at Al- and fifteen thousand dollars may be expended on the harbor at Alton.

Cuivre. Improving Cuivre River, from mouth to Chain of Rocks, and removing snags and obstructions, two thousand dollars.

Improving Mississippi River, above the Falls of Saint Anthony: Continuing improvement, fifteen thousand dol-

Improving Mississippi River, from Saint Paul to Des Moines Rapids: Continuing improvement, one hundred and fifty thousand dollars: Provided, That three thousand five hundred dollars of said sum may, in the discretion of the Chief of Engineers, be expended in closing the slough at the confluence of the Minnesota and Mississippi Rivers: Provided further, That three thousand dollars of the foregoing sum shall be used in dredging the western channel at or near Guttenberg, Iowa.

Improving Mississippi River, from Des Moines Rapids to mouth of Illinois River: Continuing improvement, one

hundred thousand dollars.

Improving Mississippi River at Quincy, Illinois: Continuing improvement, twenty-five thousand dollars.

Removing bar in the Mississippi River, opposite Dubuque,

Iowa: Continuing operations, seven thousand dollars. Improving Rock Island Rapids, Mississippi River: Con-

tinuing improvement, eight thousand dollars.

Improving Des Moines Rapids: Continuing improvement, twenty thousand dollars.

Operating the canal at Des Moines Rapids: Continuing Operating caperations of the canal, thirty thousand dollars.

Rapids.

operations of the canal, thirty thousand dollars.

Annual expense of gauging the waters of the Mississippi Annual ex-River and its tributaries: Continuing observations of the the Mississippi. rise and fall of the river and its chief tributaries, as re-Stat., 598. quired by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Improving Upper Mississippi River: Operating snag- Upper Missisboat, eight thousand dollars.

Improving the Osage River, Kansas and Missouri: Con-

tinuing the improvement, thirty thousand dollars.

Improving Missouri River at Atchison, Kansas: Continuing operations, twenty thousand dollars.

Improving Missouri River at Cedar City: Continuing im-

provement, fifteen thousand dollars.

Improving the Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska: Continuing operations, twenty thousand dollars.

Improving the Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska: Continuing operations, fourteen thousand dollars.

Improving the Missouri River at Brownville, ten thousand dollars.

Improving the Missouri River at Plattsmouth, ten thousand dollars.

Improving Missouri River at or near Fort Leavenworth: Continuing improvement, eight thousand dollars.

Improving Missouri River at or near Glasgow: Contin-

uing improvement, twenty thousand dollars

Improving Missouri River at and near Kansas City: Continuing improvement, twenty-five thousand dollars; which Mississippi.

Proviso.

Osage River.

Missouri.

sum may be expended on either side of the river, in the discretion of the engineer.

Improving Missouri River at and near Saint Joseph:

Continuing operations, twenty thousand dollars.

Improving Missouri River at Sioux City, Iowa: Continuing operations, eight thousand dollars.

Improving Missouri River at Vermillion, Dakota: Con-

tinuing the improvement, ten thousand dollars.

Improving Missouri river, above mouth of the Yellowstone River: Continuing the improvement, twenty-five thousand dollars.

Detroit. Improving Detroit River, Michigan: Continuing opera-

tions, fifty thousand dollars.

Saginaw. Improving Saginaw River, Michigan: Continuing operations, fifteen thousand dollars; of which sum ten thousand dollars shall be expended for removal of bars at the lower end of the river and in deepening the channel from the mouth of the river out into the bay. St. Clair flats.

Improving Saint Clair Flats, Michigan: Repairs of canal,

two thousand five hundred dollars.

Improving the Chippewa River, Wisconsin: Continuing Chippewa River. the improvement, ten thousand dollars; but this sum is appropriated subject to the same conditions and limitations imposed by section one of the act approved March third,

1879, c. 181; 20 eighteen hundred and seventy-nine, for the improvement of rivers and harbors, relating to said Chippewa River.

Fox and Wis-

Improving Fox and Wisconsin Rivers, Wisconsin: Continuing improvement, one hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin, and seventy-five thousand dollars for continuing the improvement of the Fox River; of which last sum three thousand dollars may, in the discretion of the engineers, be expended at the mouth of Fond du Lac.

Red River of Improving Red River of the North, Minnesota and the North. Dakota: Continuing improvement, twenty thousand dollars.

Anthonys Repairs and contingencies of public works at Saint Falls. Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, ten thousand dollars.

Upper Red Improving Upper Red River, Arkansas, from Fulton to the head of the raft: Continuing improvement, ten thou-

sand dollars. St. Croix.

Improving Saint Croix River, below Taylor's Falls: Continuing improvement, ten thousand dollars, of which sum three hundred dollars, or so much thereof as in the opinion of the engineers in charge may be necessary, shall be expended in the improvement of the slough on the east side of said river, known as the canal between Four-Mile Island and the foot of the Saint Croix Boom.

Clear-Improving Lower Clearwater River, Idaho: Continuing Lower water. operations, five thousand dollars.

Constructing canal around Cascades of Columbia River: Cascades of Columbia. Continuing operations, one hundred thousand dollars.

Improving Upper Columbia River, including Snake Upper Columbia and Snake. River: Continuing improvement, fifteen thousand dollars.

Improving Upper Willamette and Yamhill Rivers: Con-mette and Yam-

tinuing improvement, twelve thousand dollars.

Improving Lower Willamette and Columbia Rivers, Lower Willamette and Cofrom Portland, Oregon, to the sea, including the bar at lumbia. the mouth of the Columbia River: Continuing improve-

ment forty-five thousand dollars.

Improving Sacramento River, California: Continuing improvement, forty-five thousand dollars.

Improving harbor at Wilmington, California: Continuing Wilmington

improvement, thirty-five thousand dollars.

Examinations and surveys of South Pass of Mississippi Surveys, South River: To ascertain the depth of water and width of chan-River. nel secured and maintained from time to time by James B. Eads at the South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, twenty thousand dollars.

Improving the channel of Susquehanna River above and below Havre de Grace, and to complete the work at the Fishing Battery light-station near Spesutia Island, twenty-

eight thousand dollars.

Susquehanna.

Proviso.

Sacramento.

Improving and operating Saint Mary's River and Saint and canal. Mary's Falls Canal, two hundred and fifty thousand dollars. And the Secretary of War is hereby authorized to accept Acceptance of on behalf of the United States from the State of Michigan thorized. the Saint Mary's Canal and the public works thereon: Provided. Such transfer shall be so made as to leave the United States free from any and all debts, claims, or liability of any character whatsoever, and said canal after such transfer shall be free for public use: And provided further, That after such transfer the Secretary of War be, and hereby is, authorized to draw from time to time his warrant on the Secretary of the Treasury to pay the actual expenses of operating and keeping said canal in repair.

Improving Buttermilk Channel, New York, sixty thou-Buttermilk

sand dollars.

Improving Ashley River, South Carolina, one thousand Ashley River. dollars.

Elk. Improvement of Elk River, Maryland, ten thousand dol-

Cheesequake Improving Cheesequake's Creek, New Jersey, twenty creek. thousand dollars.

Vermilion. Improving Vermillion River, Louisiana, five thousand

dollars. Bayou Terre-Improving Bayou Terrebonne, Louisiana, ten thousand bonne.

dollars. Bayou Teche.

Improving Bayou Teche, from Saint Martinsville to Port Barre, Louisiana, six thousand dollars.

Bayou Courta-Improving Bayou Courtableau, from Port Barre to Atch-bleau. efalaya, Louisiana, seven thousand five hundred dollars.

Improving Susquehanna River, Pennsylvania, from Richards' Island up, fifteen thousand dollars.

Susquehanna.

White.

Grand Marais Construction of harbor of refuge at Grand Marais, Michigan, ten thousand dollars.

Pearl River. Improving Pearl River below Jackson, Mississippi, thirty thousand dollars.

Yadkin. Improving Yadkin River, North Carolina, twenty thousand dollars; six thousand dollars of which may be expended for the removal of dams.

Improving White River above Buffalo Shoals, Arkansas,

twenty thousand dollars.

St. Francis. Improving Saint Francis River between Wilkesburg and Lester Landing, Arkansas, five thousand dollars.

white. Improving White River between Jacksonport and Buffalo Shoals, Arkansas, five thousand dollars.

Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, thirty thousand dollars.

Arkansas. Improving Arkansas River at Pine Bluff, Arkansas, twenty-five thousand dollars.

Mississippi. Improving Mississippi River at Natchez and Vidalia, forty thousand dollars.

Improving Skagit River, Washington Territory, two thousand five hundred dollars.

Amite. Improving Amite River, Louisiana, eight thousand dollars.

New town Improving Newtown Creek, New York, ten thousand dollars.

Pagan Creek. Improving Pagan Creek, Virginia, five thousand dollars.

Scituate Har- Improving Scituate Harbor, Massachusetts, seven thousand

sand five hundred dollars.

Taunton River. Improving Taunton River. Massachusetts, seventeen

Taunton River. Improving Taunton River, Massachusetts, seventeen thousand five hundred dollars.

Block Island Improving Block Island Harbor, Rhode Island, six thou-

Harbor. sand dollars.

Stonington Temproving Stonington Harbor Connections twenty for

Stonington Improving Stonington Harbor, Connecticut twenty-five thousand dollars.

Broadkill River, Improving Broadkill River, Delevere five thousand

BroadkillRiver. Improving Broadkiln River, Delaware, five thousand dollars.

Smyrna River. Improving the mouth of Duck Creek [Smyrna River],

Delaware, five thousand dollars.

Broad Creek Improving Broad Creek [Broad Creek River] from its

mouth to Laurel, Delaware, five thousand dollars.

Northeast Improving Northeast River Maryland five thousand

Northeast Improving Northeast River, Maryland, five thousand five hundred dollars.

Tred Avon Improving Treadhaven [Tred Avon] Creek, Maryland, for three miles below Easton, three thousand dollars.

Choptank River, between Denton and Greensboro, Maryland, five thousand dollars.

River. Improving Secretary Creek [Warwick River], Maryland, three thousand dollars.

Dan River. Improving Dan River, between Danville, Virginia, and Madison, North Carolina, ten thousand dollars.

Improving Elk River, West Virginia, five thousand dollars.

Surgenee

Tampa Bay.

Tangipahoa.

Saline River.

Missouri River.

Brazos.

Improving Escambia River, Florida and Alabama, eight Escambia. thousand dollars.

Improving Suwannee River, Florida, five thousand dol-

Improving Tampa Bay, Florida, deepening the bar and channel from the bar to the town of Tampa, ten thousand

Improving Tangipahoa River, Louisiana, five thousand

dollars.

Improving channel over bar at mouth of Brazos River. Texas, including a report upon the capacity of the harbor at the mouth of the Brazos and its adaptability as a harbor of refuge and naval station, forty thousand dollars.

Improving Saline River[a], Arkansas, seven thousand

five hundred dollars.

Survey of Missouri River, from its mouth to Sioux City, survey Iowa, thirty thousand dollars, of which sum five thousand ized. dollars may be used, in the discretion of the Secretary of War, in protecting the work done on said river at or near Sioux City, Iowa.

Improving Missouri River at Saint Charles, Missouri,

twenty-five thousand dollars.

Improving Mississippi River at and above the city of Mississippi

Alexandria, Missouri, ten thousand dollars.

Improving Caney Fork River, Tennessee, six thousand Caney Fork dollars.

Improving Obed's [Obey] River, Tennessee, four thou-Obey River.

sand dollars.

Improving Monongahela River, West Virginia, at or Monongahela. near Laurel Run, according to plan recommended by engineer in charge, twenty-five thousand dollars.

Improving Little Kanawha River, West Virginia, build-wha.

ing additional lock and dam, fifteen thousand dollars.

Improving Wilson Harbor, New York, ten thousand wilson Harbor. dollars.

Improving Waddington Harbor, New York, three thou-Waddington Harbor. sand dollars.

Improving San Joaquin River, California, twenty thou- San Joaquin River. sand dollars.

Improving Mattaponi River, Virginia, two thousand five Mattaponi.

hundred dollars. Improving Petalumas Creek, California, eight thousand Petaluma

dollars. Improving Cowlitz River, Washington Territory, two Cowlitz.

thousand dollars. Hatchee.

Improving Big Hatchie River, Tennessee, ten thousand dollars.

Improving Mississippi River at or near Cape Girardeau Mississippi. and Minton's Point, Missouri, twenty thousand dollars.

Improving Gasconade River Missouri, removing snags. Gasconade. five thousand dollars.

Black River. Improving Black River, Arkansas fifteen thousand dollars.

Noxubee. Improving Noxubee River, Mississippi, twelve thousand dollars.

Mississippi Improving Mississippi River at Hannibal, Missouri, twenty-five thousand dollars.

Winnepesaukee Lake. New Hampshire, five thousand dollars.

Duck River. Improving Duck River, Tennessee, seven thousand dollars.

Waccamaw Improving Waccemaw River, South Carolina, from the mouth up to Waccemaw Lake, North Carolina, fifteen thousand dollars.

Great Pedee. Improving Great Pedee River, South Carolina, seven thousand dollars.

Totuskey Improving Totusky River, Virginia, two thousand five hundred dollars.

York. Improving York River at West Point, Virginia, ten thousand dollars.

Pamunkey. Improving Pamunkey River, Virginia, two thousand five hundred dollars.

French Broad. Improving French Broad River, Tennessee, between Knoxville and the mouth of Big Creek, ten thousand dollars.

Repairs of pier, For repair of pier in Rocky River, Ohio, four thousand dollars.

Ice harbor, For ice-harbor at Saint Louis, Missouri, fifty thousand dollars: Provise.

St. Louis. Provise.

Provise.

How ice harbor at Saint Louis, Missouri, fifty thousand dollars: Provided, That no part of this sum shall be expended until a Board of Engineers shall have been convened and determined upon a plan for the construction of the work.

Rock Island Improving harbor at Rock Island, Illinois, six thousand dollars.

Marcushook For ice-harbor at Marcus Hook, Pennsylvania, commencing enlargement of piers and dredging, thirty-five thousand dollars.

Shenandoah River, West Virginia, fifteen thousand dollars.

Connecticut. Improving Connecticut River, between Hartford and Holyoke, fifteen thousand dollars.

Waukegan For harbor at Waukegan, Illinois, fifteen thousand dollars: Provided, That this sum shall not be expended until a Board of three engineers shall have been convened and selected the site, and until the same and a free right of way to all points of the harbor shall have been transferred or relinquished, free of cost to the United States.

Clinch River. Improving Clinch River, Tennessee, ten thousand dollars; of which sum six thousand dollars shall be expended above Haynes, in Clayburn County, and four thousand dollars below said point.

Oakland Har Improving Oakland Harbor, California, sixty thousand dollars; and the sums of money heretofore appropriated for this improvement and unexpended are hereby reappro-

priated, but the sums so appropriated and reappropriated Reappropriashall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense to the government, in a manner satisfactory to the Secretary of War.

Improving Sullivan's Island for protection of Charleston and Island.

Harbor, South Carolina, five thousand dollars.

Improving channel between Staten Island and New Jer-Staten Island sey, at Elizabethport, twenty-nine thousand dollars. nal Missouri River.

Improving Missouri River at Lexington, Missouri, fif-

teen thousand dollars.

The Secretary of War is hereby authorized to assign an Kewaunee engineer from the Corps of Engineers of the United States to prepare a plan and advise with the local engineer in the expenditure of such sum as may be appropriated by the local authorities for the improvement of the harbor at Kewaunee, Wisconsin.

Improving Volusia Bar, Florida, five thousand dollars: and the Secretary of War is hereby authorized to make such special contract for the prosecution of this work as may, in his judgment, best promote the interests of the

government.

The balance in hand, after payment of any existing lia-Louisville and bility, collected heretofore as tolls on the Louisville and tolls. Portland Canal, or which may hereafter be so collected prior to the passage of an act to make said canal free to the public, is hereby authorized to be expended for its improvement: Provided, Such expenditure shall not exceed sixty thousand dollars [a].

Improving Yellowstone River, Montana and Dakota, fif-Yellowstone.

teen thousand dollars.

Improving harbor at Brazos Santiago, Texas, twenty-five Brazos San thousand dollars.

For continuing the improvement of Sebewaing Harbor, Sebe Sebewaing Michigan, seven thousand dollars.

Yaquina Bay. For improvement of the entrance to Yaquina Bay, Oregon,

forty thousand dollars.

For improvement of the mouth of Coquille River, Oregon, ten thousand dollars.

Improving Savannah River, above Augusta, Georgia, Savannah.

sixteen thousand dollars.

Improving the entrance to Cumberland Sound, between Sound Amelia and Cumberland Islands, in the States of Florida and Georgia, according to the plans and estimates of General Gilmore, the chief engineer, reported to this Congress,

thirty thousand dollars.

Improving Saint John's River, Florida, by deepening the St. Johns Rivbar at the mouth thereof, according to the report of the Chief er. of Engineers made to the Secretary of War and reported to this Congress, one hundred and twenty-five thousand dollars.

Volusia bar.

Proviso.

Brazos Santi-

Coquille River.

a The amount expended under this item of the act was \$30,255.36.

Headwaters of Mississippi.

Proviso.

For the reservoirs at the headwaters of the Mississippi River, to be used in the construction of a dam at Lake Winnibigoshish, seventy-five thousand dollars: *Provided*, That all injuries occasioned to individuals by overflow of their lands shall be ascertained and determined by agreement or in accordance with the laws of Minnesota, and shall not exceed in the aggregate five thousand dollars.

General provi-

Proviso.
Proviso.

Such parts of the money appropriated by this act for any particular improvement requiring locks and dams, as may be necessary in the prosecution of such improvement, may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: Provided, That such expenditure shall be under the direction of the Secretary of War: And provided further, That if the owners of such lands shall refuse to sell them at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys, and estimates in carrying on the various works as far as can be, without detriment to the interest of the government by contract. Where such works can not be done by contract, without injury to the public interest, they may be prosecuted by hired labor. Where

Hired labor.

Contracts.

said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall pre-

Performance scribe; and such contracts shall be made with the lowest material and responsible bidders, accompanied by such securities as the labor to be see Secretary-of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material; but this clause shall not be so construed as to prevent the continuance of

Work on Kana- work on the Great Kanawha by hired labor, unless the Secfrom paragraph. retary of War is satisfied that the public interest requires such change.

Surveys, examinations, and setimates of cost at his discretion, to cause examinations or surveys, or both, of improvements proper to be and estimates of cost of improvements proper, to be made at the following points, namely:

Tallapoosa River, from the junction of Coosa up to Tallassee, Alabama.

New Rochelle Harbor, Westchester County, New York, from City Island to the town of New Rochelle.

Bronx River, or West Farms tide-water creek, from its mouth in the city of New York.

Mattawan Creek, from Raritan Bay channel to Central Railroad bridge, head of navigation.

Malden River, Massachusetts.

For improving Richmond Harbor on the Kennebec River, Maine.

Clinch River, in the counties of Hancock, Hawkins, and Claiborne, Tennessee, and Scott and Russell Counties, Virginia.

Powell River, in the counties of Hancock and Claiborne,

Tennessee, and Lee County, Virginia.

Holston River, in the counties of Sullivan, Hawkins, Grainger, and Hamblen, Tennessee, and Washington and Scott Counties, Virginia.

Ticonderoga River, New York.

Edistoe and Salkiehatchie Rivers, in South Carolina.

Georgetown Harbor, South Carolina.

Lynch's River, South Carolina.

Wateree River, from Camden, South Carolina, to its mouth.

Black River, from Kingstree, South Carolina, to its mouth.

Rancocas River, from the Delaware River to Pemberton,

Burlington County, New Jersey.

Absecom [Absecon] Inlet, Atlantic County, New Jersey. Bayou Bartholomew, Tensas River, and Bayou Macon, Louisiana.

Sandusky River, near Fremont, Ohio.

Chagrin River, Ohio.

Ice-harbor, Bellaire, Belmont County, Ohio.

Toledo Harbor, Ohio, for depth of sixteen feet.

Tallapoosa River, from the city of Montgomery to Tallas-

Neabsco Creek, a tributary of the Potomac.

Maumee River, Ohio, from Perrysburg to the city of Toledo.

Mississippi River, at Saint Genevieve, Missouri.

Missouri River, at Boonville, Missouri. Saint Francis River, from Greenville.

Youghiogheny River, to begin at its mouth at McKeesport, Allegheny County, Pennsylvania, and end at Con-

nellsville, Fayette County, Pennsylvania.

Cape Fear River, North Carolina, between Wilmington and Fayetteville, with the view of ascertaining cost and practicability of clearing away logs and overgrowing trees and of dredging out such shoals as now interfere with commerce, itemizing cost of each separately.

Town Creek[a], North Carolina: To ascertain cost of taking out such shoals as interfere with ordinary river

steamboat traffic.

For the reopening of the Santee Canal[b].

For the improvement of Wappoo Cut, South Carolina.

a The report upon this item concerns the creek of this name in Brunswick County, emptying into Cape Fear River about 7½ miles

below Wilmington.

b This canal is distinct either from the Mosquito Creek or the Estherville-Minim Creek Canal. It is located in Charleston County; was begun in 1793 and finished in 1800, under a charter granted in 1786 by the State legislature, and connects Santee River with the tidal headwaters of Cooper River.

Calcasieu River, Bayous Plaquemine, Black, Grand Caillon [Caillou], Little Caillon [Caillou], Andre, Fusilier, Grand Lake [a], Little Lake, and Barataria Bay, from New Orleans to Grand Pass.

For Snake River in Minnesota.

The headwaters of the Savannah River, in connection with the headwaters of the Hiwassee and Tennessee Rivers, with a view of ascertaining if a summit level can be secured of the waters of these respective streams, so as to unite them by a canal; that is to say, to ascertain if the waters of the Hiwassee and Tennessee Rivers can be united with the waters of the Savannah River by means of a canal.

The Savannah River, from Savannah to Augusta,

Georgia.

The Altamaha River, Georgia.
The Canoochee River, Georgia.

Romney [Romerly] Marsh, near Doboy, and the mouth

of Jekyl Creek.

Niagara River, at the mouth of Tonawanda Creek, New York.

At Port Day, above the Falls of Niagara, New York.

Shark River, New Jersey.

Perth and South Amboy to main ship-channel off Great

Kills, Raritan Bay.

Improving the bayou[b] south of Milwaukee Harbor for additional purposes of a harbor of refuge at Milwaukee; also, Milwaukee Bay.

Finhollaway River, Florida. Aucilla and Wacissa, Florida. Chipola River, Florida. Ocolockonnee River, Florida.

Holmes Creek, Florida.

Potomac River at the mouth of Pohick Creek.

The bars at the entrance of Annapolis Harbor, with a view to ascertain the character of jetties necessary to render the proposed improvement permanent.

For Hempstead Harbor in the State of New York.

Sumpawaums [Sumpawanus] Inlet, Long Island, New York.

For water-way connecting Jamaica Bay with Cornell's Landing in the State of New York.

Saint Francis River, from Greenville, Missouri, to the

Cairo, Arkansas and Texas Railroad.

Currant River, from Van Buren, Missouri, to its mouth in Arkansas.

Chicago River, from its mouth to the junction of the North and South Branches.

<sup>&</sup>lt;sup>a</sup>This lake forms part of the Atchafalaya River on its way to the Gulf.

 $<sup>^</sup>b$ Refers to the channel of Milwaukee River extending to the old river mouth and forming a part of the inner harbor.

Grand River below Grand Rapids, Michigan.

Swan Creek, Lake Saint Clair, Michigan.

South Fork of the Cumberland River, Kentucky.

Red River from Port Royal, Montgomery County, Tennessee, to its mouth.

Mouth of Narraguagus River at Milbridge, Maine.

Cahaba River, Alabama, from its mouth, in Dallas County, to the northern line of Bibb County.

Empire Bay, Lelanawau County, Michigan. Mississippi River, at Andalusia, Illinois.

Missouri River, at Yankton, Dakota.

Upper Red River of the North, between Fargo, Dakota, and Breckinridge, Minnesota.

Atchafalava River, Louisiana, from Berwick's Bay to

mouth of Red River.

Ice-harbor at the head of Delaware Bay, near Morris Liston's on Reedy's Island.

Delaware River, survey of. Tradewater River, Kentucky.

Harbor at Grand Gulf, Mississippi. Ogdensburg Harbor, New York.

Maramec River, Missouri, from the mouth to the point opposite Marameć Iron Works, Missouri.

Mississippi River, at Louisiana, Missouri.

Obion River, Tennessee.

South Forked Deer River, Tennessee. North Forked Deer River, Tennessee.

That part of the North Branch of the Chicago River lying in the town of Lake View.

Bogue Chitto River, Louisiana, from its mouth to Frank-

linton.

Bogue Falia, Louisiana, from its mouth to twenty-five miles above Covington.

West Pearl River.

Pass Manchac and Bayou Manchac, Louisiana, from its mouth to the Mississippi River.

Mississippi River, at Sauk Rapids, near the city of Saint

Cloud, Minnesota.

Grand River, below Grand Rapids, Michigan.

Gowanus Bay, New York.

Grass River, at Massena, Saint Lawrence County, New York.

Missouri River, from Tuque Creek to one mile west of Charette Creek, Warren County, Missouri.
Cache River, Arkansas, a tributary of White River.

The Bay, a tributary of Saint Francis River, Arkansas. Mouth of Grand River and Missouri River, at Brunswick, with reference to boat landing at Brunswick, Missouri.

Buffalo Bayou, Texas, from Simm's Bayou, to the mouth of White Oak Bayou at Houston. Return estimates of the cost of a channel twelve feet deep and one hundred feet wide, also a channel twelve feet deep and one hundred and fifty feet wide.

Mouth of Currioman Bay, Virginia.

East Bay and Blackwater River, Florida.

The Ohio River, at the head of Hurricane Island and Elizabethtown, Illinois.

Chester and Ridley Creeks, near their outlets into the

Delaware River, Pennsylvania.

Saint Mary's River, from the town of Saint Mary's to

its mouth, Ohio.

Minnesota River, near the village of Belle Plain, with a view to prevent the breaking away of the banks of the narrow neck of land opposite said village and injury to the navigation of said river, in Minnesota.

The Nomoni River, from the ferry across the same to

the head of tide-water.

The Appoquinimink Creek, Delaware.

Patchogue River, New York.

For opening channel between Lloyd's Harbor and Cold Spring Bay, New York.

Stillaquamish River, Nooksack River, and Snohomish

River, in Washington Territory. Wareham Harbor, Massachusetts.

Red Bank Creek, Pennsylvania, from its mouth on the Allegheny River, to Brookville.

Saint Jones Creek, in Kent County, Delaware, and Lit-

tle Creek, in Kent County, Delaware.

Clinton River and Lake Saint Clair, at the mouth of

Clinton River, Michigan.

For the construction of two ice-breakers in the Ohio River, near the West Virginia shore, and below the railroad bride crossing said river at Parkersburg.

Ice-harbor at Point Pleasant, West Virginia.

Christiana River, Delaware, from the Delaware Railroad bridge, to the mouth of the river, with an estimate of the cost of procuring a mean depth of fifteen feet in the channel thereof.

For the opening of a ship-canal across the Charleston

Neck, South Carolina.

Chester River, between Kirby's Landing and Spry's Landing, Maryland.

Water-passage [a] between Deal's Island and Little Deal's Island, Maryland.

Bœuf River, North Louisiana. Potowomut River, Rhode Island.

For a harbor on Lake Michigan, at Kewaunee, Wisconsin. For the opening of steamboat communication from the Saint John's River, Florida, by way of Topokalija[b] Lake, to Charlotte Harbor or Pease Creek.

The Missouri River at Niobrara, Nebraska.

a Known as the Lower Thoroughfare.
 b Spelled also Tohopekaliga.

Pocosson[a] and Lillington Rivers, and Beaufort Harbor, North Carolina.

The Secretary of War is hereby directed to cause to be Débris from made such examination and surveys as may be necessary mines. to devise a system of works to prevent the further injury to the navigable waters of California from the débris from the mines, and the estimates of the cost of such works, and report the result of such examinations, surveys, and estimates of cost of proposed works made in pursuance hereof to Congress at its next session.

The Secretary of War is hereby directed to cause an HumboldtBay, examination to be made to determine the work necessary Cal. to be done, and the cost of the same, to improve the chan-

nels inside the bar of Humboldt Bay, California.

That for the purpose of making a survey to ascertain the Ship canals. practicability and cost of construction of a ship-canal from Lake Erie, by the Maumee and Wabash Valleys, in the bed of the old Wabash and Erie Canal, or with any variation therefrom that may prove feasible, to the navigable waters of the Wabash River; also for a survey and estimate of cost of a similar canal from Junction City, on the Wabash and Erie Canal, to the Ohio River, by way of the Miami and Erie Canal, or any variation in route to produce the most practical and least expensive ship-canal from Lake Erie to the navigable waters of the Ohio River by the above routes. the estimates in each case to be for a water channel and locks of the same size and capacity as those of the present enlarged Erie Canal in New York.

Sinslaw [Siuslaw] Bay, Oregon.

Of the sum of one hundred and fifty thousand dollars herein appropriated for surveys and examinations, the sum of fifteen thousand dollars may be expended in the completion of the survey of the reservoir system on the headwaters of the Mississippi River, including Rock River, in Wisconsin and Illinois.

SEC. 3. That for the examinations and surveys herein pro- Appropriation for surveys, etc. vided for, and for incidental repairs of harbors, for which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby, and such general commercial statistics, as the Secretary of War may be able to procure.

SEC. 4. Whenever hereafter the navigation of any river, Navigation observed by sunklake, harbor, or bay, or other navigable water of the United en vessels or wa-States, shall be obstructed or endangered by any sunken ter craft. vessel or water-craft, it shall be the duty of the Secretary of

a This refers to Contentnia Creek, the use of the designation "Pocosson" being a clerical error, and having reference to Moccason (or Moccasin) River, the former name of this creek. (See Annual Report of the Chief of Engineers for 1881, p. 1010, Part 1.)

Removal.

Yol. 22, p. 208. War, upon satisfactory information thereof, to cause reason-yol. 26, p. 454. able notice, of not less than thirty days, to be given person-yol. 30, pp. 1152, ally or by publication, at least once a week in the newspaper Post, pp. 889, published nearest the locality of such sunken vessel or craft. to all persons interested in such vessel or craft, or in the Notice given to persons interested in such vessel or craft shall be removed as soon thereafter as practicable by the parties interested therein, to cause the same to be removed. If such sunken vessel or craft and cargo

Sunken vessels of craft and cargo Sunken vessel of craft and cargo sunken vessels shall not be removed by the parties interested therein as soon property remove as practicable after the date of the giving of such notice by edbytheGovern. ment to be sold publication, or after such personal service of notice, as the and proceeds deposited in Treas case may be, such sunken vessel or craft shall be treated as ury to credit of abandoned and derelict, and the Secretary of War shall proof obstructions. ceed to remove the same. Such sunken vessel or craft and cargo and all property therein when so removed shall, after reasonable notice of the time and place of sale, be sold to the highest bidder or bidders for cash, and the proceeds of such sales shall be deposited in the Treasury of the United States to the credit of a fund for the removal of such obstructions to navigation, under the direction of the Secretary of War. and to be paid out for that purpose on his requisition therefor. The provisions of this act shall apply to all such wrecks whether removed under this act or under any other act of Appropriation. Congress. Such sum of money as may be necessary to ex-

ecute this section of this act is hereby appropriated, out of any money in the Treasury of the United States not otherwise appropriated, to be paid out on the requisition of the Secretary of War[a].

Approved, June 14, 1880.

June 16, 1880.

CHAP. 234.—An Act Making appropriations to supply deficiencies Vol. 21, p. 238. in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty, and for prior years, and for those certified as due by the accounting-officers of the Treasury in accordance with section four of the Act of June fourteenth, eighteen hundred and seventyeight, heretofore paid from permanent appropriations, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Deficiency ap the following sums be, and the same are hereby, appropriand prior years. ated. out of any money in the Treasury not otherwise appropriated, for the objects hereinafter stated, namely:

J. Volney Sweeting, S. R. Rood, and C. Thompson, Eli J. C. Thompson, eight hundred and ten dollars each, Eli Stillson, James H. Foster, and David M. Green, seven Green, Miles T. hundred and ten dollars each, and Miles T. Alverson, four 1876, c. 166, 18 hundred and fifty dollars; in all, five thousand and ten

a This section is amended by the river and harbor acts of August 2, 1882, September 19, 1890 (sec. 8), and March 3, 1899 (secs. 15, 19, and 20).

dollars, for services rendered by them as commissioners commissioners. appointed pursuant to an act of Congress approved March third, eighteen hundred and seventy-five, to appraise damages to lands in the State of Wisconsin, caused by the improvement of the Fox and Wisconsin Rivers.

Approved, June 16, 1880.

CHAP. 235.--An Act Making appropriations for the sundry civil June 16, 1880. expenses of the Government for the fiscal year ending June thirtieth, Vol. 21, p. 259. eighteen hundred and eighty-one, and for other purposes.

Be it enacted by the Senate and House of Representatives. of the United States of America in Congress assembled, That Appropriathe following sums be, and the same are hereby, appropri-tions. ated for the objects hereinafter expressed, for the fiscal expenses. year ending June thirtieth, eighteen hundred and eightvone, namely:

Mississippi River Commission: For surveys and exam-Mississippi inations and the necessary salaries and other expenses of sion. the Mississippi River Commission, one hundred and fifty thousand dollars.

Approved, June 16, 1880.

CHAP. 238.—An Act To authorize the Mississippi River Logging June 16, 1880. Company to construct and operate sheer-booms at or near Straight Vol. 21, p. 282,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Mississippi it shall be lawful for the Mississippi River Logging Com-River Logging pany, a corporation organized under the laws of the State thorized to conformation of Iowa, to construct and operate in conformity with ate sheer booms plans to be approved by the Secretary of War sheer-in Mississippi the Mississippi Direct of the body of River. booms in the Mississippi River, at or above the head of Rollingstone Slough and below the mouth of the Chippewa River, for the purpose of sheering logs that may escape and float out of the Chippewa River and into the Mississippi River from the main channel of said river into Rollingstone or Straight Slough: Provided, That said sheerbooms shall not be constructed until the plans and location of the same are submitted to the Secretary of War and receive his approval or so constructed as to interfere with or obstruct navigation: And provided further, That if, after said sheer-booms are so constructed, in the opinion of the Secretary of War they interfere with or obstruct navigation, he may order them removed or modified, and the said Mississippi River Logging Company shall be required to remove the same without cost to the United States.

Proviso.

Proviso.

Piers and Sec. 2. That the said Mississippi River Logging Company are hereby authorized to construct, in Rollingstone or Straight Slough, such piers and booms as they shall deem necessary for the purpose of securing, holding, sluicing, and rafting logs that may float into said slough.

Right of repeal and amendment reserved.

SEC. 3. That this act may be altered, amended, or repealed at any time; and in case of such alteration, amendment, or repeal, it is expressly provided that the United States shall not be liable for any damages that may be sustained

by reason thereof.

Approved, June 16, 1880.

Jan. 13, 1891. CHAP. 20.—An Act For the relief of the legal representative of Henry M. Shreve, deceased.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Shreve, decased, payment tives of Henry M. Shreve, deceased, the sum of fifty thoute legal representatives of.

Sand dollars as a full compensation for, and in satisfaction of, all claims for the invention of the steam snagboat, and for the use of the same, past, present, and future, and for any and all rights that the said Shreve may have acquired under the patent granted to him for the invention of the steam snagboat.

Approved, January 13, 1881.

Mar. 3, 1881.

Vol. 21, p. 435.

Vol. 22, p. 435.

The Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriate the following sums be, and the same are hereby, approsundry civil priated for the objects hereinafter expressed, for the fiscal year ending 5 une thirtieth, eighteen hundred and eightytwo, namely:

Mississippi River Commission: For salaries and traveling expenses of Commission, office expenses, and reduction of work; for continuation of surveys and gaugings of Mississippi River and its tributaries; for permanent gaugestations and borings; for publication of maps and results, one hundred and fifty thousand dollars.

For the expenses of the surveys to be made across the Maryland and Delaware to connect by canal Delaware peninthe waters of the Delaware and Chesapeake Bays, under the direction of the Secretary of War, tenthousand dollars.

Approved, March 3, 1881.

CHAP. 136.—An Act Making appropriations for the construction, completion, repair, and preservation of certain works on rivers and Vol. 21, p. 468. harbors, and for other purposes.

Mar. 3, 1881.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations. the following sums of money be, and are hereby, appro- Riversand harpriated, to be paid out of any money in the Treasury not bors. otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction. completion, repair, and preservation of the public works hereinafter named:

Improving Richmond Island Harbor, Maine: Completing Richmond Island Harbor

improvement three thousand dollars.

Improving harbor at Portsmouth, New Hampshire, Portsmouth twenty thousand dollars.

Improving harbor at Burlington, Vermont, ten thousand Burlington

dollars.

Improving harbor at Swanton, Vermont, two thousand Swanton Harfive hundred dollars.

Improving harbor at Hyannis, Massachusetts: Complet- Hyannis Har-

ing improvement, five thousand dollars.

Improving harbor at Newburyport, Massachusetts, forty Newburyport thousand dollars.

Improving harbor at Nantucket, Massachusetts, twenty- Nan Harbor.

five thousand dollars.

Improving harbor at Plymouth, Massachusetts, ten thou- Plymouth Harsand dollars.

Improving harbor at Provincetown, Massachusetts, five Provincetown

thousand dollars. Improving Little Narragansett Bay, Rhode Island, five Little Narra-

thousand dollars.

Improving harbor at Bridgeport, Connecticut, ten thou-Bridgeport sand dollars.

Improving harbor at New Haven, Connecticut, fifteen New Haven

thousand dollars.

Breakwater at New Haven, Connecticut, sixty thousand New Haven dollars.

Improving harbor at Norwalk, Connecticut, five thousand Norwalk Har-

Improving harbor at Southport, Connecticut, two thou- Southport Har-

sand five hundred dollars.

Improving harbor at Boston, Massachusetts, one hundred Boston Harbor, thousand dollars; of which sum forty thousand dollars shall be expended in said harbor, thirty-five thousand dollars at the mouth of Charles River in said harbor and up to Watertown, twenty thousand dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach.

Improving Oakland Harbor, California, sixty thousand Oakland Hardollars; and the sums of money heretofore appropriated for box. this improvement and unexpended are hereby reappropriated; but the sums so appropriated and reappropriated shall not be available until the right of the United States to the bed of the estuary and training walls of this work is secured,

free of expense to the government, in a manner satisfactory

to the Secretary of War.

Raritan River. Improving Raritan River, New Jersey, twenty-five thousand dollars; of which sum twenty thousand dollars shall be expended on rocks at Whitehead Sand Dock, and five thousand dollars at South Channel, between Crab Island and South Amboy.

Stonington Improving harbor at Stonington, Connecticut, thirty

thousand dollars.

Buffalo Harbor. Improving harbor at Buffalo, New York, ninety thousand dollars.

Charlotte Har- Improving harbor at Charlotte, New York: Repair of

piers, two thousand five hundred dollars.

Echo Harbor. Improving Echo Harbor, New Rochelle, New York, three thousand dollars.

Flushing Bay. Improving Flushing Bay, New York, ten thousand dollars.

Great Sodus Bay, New York, five thousand dollars.

Bay Harbor. Improving harbor at Little Sodus Bay, New York, twenty thousand dollars.

Olcott Harbor. Improving harbor at Olcott, New York, three thousand dollars.

Gowanus Bay and the Harbor of New York, forty thousand dollars.

Port Jefferson Improving harbor at Port Jefferson, Long Island Sound, New York, four thousand dollars.

New Rochelle Improving harbor of New Rochelle, New York, twenty thousand dollars.

Harborat Pult- Improving harbor at Pultneyville, New York, two thousand dollars.

Wilson Harbor. Improving harbor at Wilson, New York, ten thousand dollars.

Waddington Improving harbor at Waddington, New York, two thousand five hundred dollars.

Ticonderoga Improving Ticonderoga River, New York, five thousand dollars.

Erie Harbor. Improving harbor at Erie, Pennsylvania, twenty thousand dollars.

Marcushook Ice-harbor at Marcus Hook, Pennsylvania, thirty thousand dollars.

Pier, Delaware Pier in Delaware Bay, near Lewes, Delaware, ten thousand dollars.

Piers, ice harbor at New Castle, Delaware: Completing improvement, twenty thousand dollars.

Annapolis Harbor. Improving harbor at Annapolis, Maryland, five thousand dollars.

Breton Bay. Improving Breton Bay, Leonardtown, Maryland, three thousand dollars.

Washington Improving the harbors and channels at Washington harbors and Georgetown, District of Columbia, fifty thousand channels.

Norfolk Har Improving harbor at Norfolk, Virginia, and its approaches, seventy-five thousand dollars.

For enlargement and improvement, according to the plan Oswego Harbor. and recommendation of the Engineer Department, of harbor facilities at Oswego, New York, including dredging entrance to harbor, fifty thousand dollars.

Improving Shrewsbury River, New Jersey: Completing Shrewsbury improvement, eighty-six thousand dollars; of which sum thirty-six thousand dollars shall be expended on South Branch, and fifty thousand on Main and North Branch.

Improving New River from lead mines in Wythe County. Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum fifteen thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier up, and nine thousand dollars in the

continuation of the work from the lead mines in Wythe

New River.

Tampa Bay.

County down.

Improving harbor at Charleston, South Carolina, one Charleston

hundred and seventy-five thousand dollars. Improving harbor at Brunswick, Georgia, five thousand Brunswick

dollars.

Improving Savannah Harbor and River, Georgia, sixty-Savannah Harbor. five thousand dollars; of which sum one thousand dollars may be applied to payment of damages for land taken for widening the channel opposite Savannah.

Improving Apalachicola Bay, Florida, ten thousand Bay, Apalachicola

dollars.

Improving Tampa Bay, Florida: Completing the deepening of the bar and channel from the bar to the town of Tampa, ten thousand dollars.

MobileHarbor. Improving harbor at Mobile, Alabama, one hundred

thousand dollars.

Improving Mississippi River at and near Vicksburgh, Mississippi and protection of harbor of Vicksburgh, Mississippi, sev-burg Harbor. enty-five thousand dollars.

Improving harbor at New Orleans, Louisiana, seventy-New Orleans

five thousand dollars.

Improving Galveston Harbor, Texas: Continuing oper-bor. ations at outer bar, two hundred and fifty thousand dol-

Improving harbor at Ashtabula, Ohio: To secure a six-Ashtabula

teen-foot channel, twenty thousand dollars.

Improving harbor at Black River, Ohio, seven thousand Black River dollars.

Improving harbor at Cleveland, Ohio, two hundred Cleveland Har-

thousand dollars. Improving harbor at Fairport, Ohio, ten thousand dol-Fairport Har-

Huron Harbor. Improving harbor at Huron, Ohio, three thousand dol-

lars. Ice-harbor at mouth of Muskingum River, Ohio, thirty Ice harbor, Muskingum Rivthousand dollars.

Improving harbor at Port Clinton, Ohio, five thousand Port Clinton,

Improving harbor at Sandusky City, Ohio, ten thousand Sandusky, dollars.

River.

Toledo. Improving harbor at Toledo, Ohio, forty thousand dol-

Vermilion. Improving harbor at Vermillion, Ohio, two thousand dollars.

Michigan City. Improving harbor at Michigan City, Indiana: Continuing operations at outside harbor, twenty thousand dollars: for continuing improvements on the inner harbor, twentyfive thousand dollars.

Calumet. Improving harbor at Calumet, Illinois, thirty thousand

Chicago. Improving outside harbor at Chicago, Illinois: Dredging in outer harbor and constructing exterior breakwater. one hundred and fifty thousand dollars.

Galena River Improving Galena River and Harbor, Illinois, twelve and Harbor. thousand dollars.

Rock Island Improving harbor at Rock Island, Illinois, six thousand Harbor. dollars.

Monongahela Improving Monongahela River, West Virginia and Pennsylvania, twenty-five thousand dollars; but this sum shall not be expended until the Monongahela Navigation Company shall have undertaken in good faith the building of lock and dam number seven, at Jacob's Creek, and until said company shall, in manner satisfactory to the Secretary of War, give assurance of their ability and purpose to complete the same.

Shenandoah Improving Shenandoah River, West Virginia, two thou-River. sand five hundred dollars; but this sum shall not be expended, nor shall the sum heretofore appropriated therefor be expended, until any corporate rights or franchies [sic] that may exist over said river shall have been relinquished

War.

Waukegan Improving harbor at Waukegan, Illinois, fifteen thousand Harbor. dollars.

to the United States to the satisfaction of the Secretary of

Ice harbor, St. Ice-harbor at Saint Louis, Missouri, ten thousand dol-

Memphis Har-Improving harbor and the Mississippi River at Memphis, Tennessee, fifteen thousand dollars.

Au Sable Har-Improving harbor and river at Au Sable, Michigan, six hor thousand dollars.

Charlevoix Improving harbor at Charlevoix, Michigan, ten thousand Harbor. dollars.

Cheboygan Improving harbor at Cheboygan, Michigan, six thousand Harbor.

Frankfort Har-Improving harbor at Frankfort, Michigan, ten thousand dollars.

Grand Haven. Improving harbor at Grand Haven, Michigan, fifty thousand dollars.

Black Lake Improving harbor at Black Lake, Michigan: Continuing (Holland). operations for completion of old project, six thousand dol-Harbor of ref-

Harbor of refuge at Grand Marais, Michigan, twenty uge at Grand Marais. thousand dollars.

Harbor of refuge at Lake Huron, Michigan, fifty thou- Sand beach, sand dollars.

Improving harbor at Ludington, Michigan, ten thousand Ludington.

Improving harbor at Manistee, Michigan, ten thousand Manistee. dollars.

Improving Manistique Harbor, Michigan: Completing improvement, one thousand dollars.

Manistique.

Improving harbor at Monroe, Michigan, one thousand dollars.

Monroe

Improving harbor at Muskegon, Michigan, twenty thou-

Muskegon.

sand dollars.

Improving harbor at Ontonagon, Michigan, twenty thou-

Ontonagon.

sand dollars.

Improving harbor at Pentwater, Michigan, ten thousand Pentwater. dollars.

Harbor of ref-

Harbor of refuge at Portage Lake, Michigan, ten thousand dollars.

uge, Portage Lake. St. Joseph Har-

Improving river and harbor at Saint Joseph, and water- St. Joseph Ha channel leading up to Benton Harbor, Michigan, ten thousand dollars.

Improving harbor at Saugatuck, Michigan, five thousand Saugatuck

Improving harbor at South Haven, Michigan, five thou- South Haven sand dollars.

Improving harbor at White River, Michigan, seven thou- White River, Michigan, seven thou- White River, Michigan, seven thousand five hundred dollars.

Grand River. Improving Grand River from its mouth to the city of Grand Rapids, Michigan, ten thousand dollars.

Continuing improvement of Clinton River, Michigan, eight thousand dollars.

Clinton River.

Removing bar at ice-harbor of refuge at Belle River, uge, Belle River, Michigan, seven thousand dollars.

Improving harbor at Ahnapee, Wisconsin, eight thou-Ahnapee Harsand dollars.

Improving harbor at Green Bay, Wisconsin, five thou- Green Bay sand dollars.

Improving harbor at Kenosha, Wisconsin, five thousand Kenosha Har-

dollars.

Improving Ohio River, three hundred and fifty thousand vis Island dam. dollars; of which sum one hundred and fifty thousand dollars may, in the discretion of the engineers, be expended on Davis Island Dam, and two hundred thousand dollars on the river from its mouth to its head: Provided, That Proviso. fifty thousand dollars of the last-named sum may, in the discretion of the engineers, be expended on Indiana Chute; and fifty thousand dollars of the last-named sum, or so much thereof as shall be necessary, shall be applied to the completion of the work on Grand Chain.

Indiana Chute.

Improving harbor at Manitowoc, Wisconsin, four thou-

Grand Chain. Manitowoc.

sand dollars. Improving harbor at Menomonee, Wisconsin, twelve thousand dollars.

Menominee.

Improving harbor at Milwaukee, Wisconsin: Extension Milwankee and repairs of piers and dredging, eight thousand dollars.

Improving harbor at Port Washington, Wisconsin, sev-Port Washingenteen thousand dollars.

Racina Improving harbor at Racine, Wisconsin, six thousand dollars.

Improving harbor at Shebovgan, Wisconsin: Repairs. Shebovgan. dredging, and extension of piers, twenty-five thousand dol-

Improving Superior Bay, Wisconsin: Dredging for im-Superior Bay. provement of natural entrance and for repairing existing works, ten thousand dollars.

Harbor of refuge at Sturgeon Bay Canal, Wisconsin, ten Sturgeon Bay Canal, harbor of thousand dollars.

refugé. Two Rivers

Improving harbor at Two Rivers, Wisconsin, fifteen Harbor. thousand dollars. Oconto Har-Improving harbor at Oconto, Wisconsin, ten thousand

bor. dollars.

Fort Madison Improving harbor at Fort Madison, Iowa, two thousand Harbor. five hundred dollars.

Muscatine Har-Improving harbor at Muscatine, Iowa, two thousand five hundred dollars.

Grand Marais. Improving harbor at Grand Marais, Minnesota, twenty thousand dollars. Duluth.

Improving harbor at Duluth, Minnesota, forty thousand dollars.

Wilmington. Improving harbor at Wilmington, California, thirtythree thousand dollars.

Humboldt. Improving Humboldt Harbor and Bay, forty thousand dollars.

Cathance River. Improving Cathance River, Maine, six thousand dollars. "Gut," oppo-Improving the "Gut" [a], opposite Bath, Maine, five site Bath, Me. thousand dollars.

Kennebunk Improving Kennebunk River, Maine: Completing im-River. provement, two thousand dollars.

LubecChannel. Improving Lubec Channel, Maine, forty-five thousand dollars.

Exeter River-Improving Exeter River, New Hampshire, fifteen thou-"Ox Bow. sand dollars; of which sum an amount not exceeding seven hundred and fifty dollars shall be available immediately, to be used in acquiring title to land used in the cut-off at "Ox Bow."

Lamprey River. Improving Lamprey River, New Hampshire, below New Market, ten thousand dollars.

Winnepesau-Improving Winnipiseogee [Winnepesaukee] Lake, New kee Lake. Hampshire: Completing improvement, two thousand five hundred dollars: Provided, That no right to raise or lower Proviso. the water-level of said lake is hereby granted to any person or corporation.

Improving Otter Creek, Vermont, two thousand dollars. Otter Creek. Improving Merrimac River, Massachusetts, nine thou-Merrimac sand dollars.

Proviso

Connecticut

Improving Taunton River, Massachusetts, twenty-five Taunton River. thousand dollars.

Improving Providence River and Narragansett Bay, Providence Rhode Island, sixty thousand dollars.

Improving Potonowut [Potowomut] River, Rhode Island, Potowomut

five thousand dollars.

Improving Milwaukee Bay, for purposes of harbor of Milwaukee

refuge, one hundred thousand dollars.

Improving Mississippi, Missouri, and Arkansas Rivers: Mississippi, and Arkansas Rivers: Mississippi, and Removing snags, wrecks, and other obstructions, one hun-Arkansas rivers. dred and eighty-five thousand dollars: of which sum eighty thousand dollars shall be expended on the Mississippi River, eighty thousand dollars on the Missouri River, and twenty-five thousand dollars on the Arkansas River. And the work herein provided for shall be prosecuted at all seasons of the year, and especially between the first day of July and the first day of November of each year: Provided. That so much of said sum of eighty thousand dollars hereby appropriated to the Missouri River as may be necessary shall be expended in the construction of a snag and dredge boat to be used in said river, the balance of said eighty thousand dollars to be expended in operating said boat.

Improving Chippewa River, Wisconsin, ten thousand Chippewa dollars; but this sum is appropriated subject to the same

conditions and limitations imposed by section one of the act approved March third, eighteen hundred and seventy- 1879, c. 181; 20 nine, for the improvement of rivers and harbors, relating

to said Chippewa River.

Improving Connecticut River below Hartford, Connecti-River. cut, thirty thousand dollars; of which sum ten thousand dollars shall be used to continue the work in progress on the bar at the mouth of the river, and three thousand dollars in dredging the channel below Rocky Hill.

Improving Housatonic River, Connecticut, two thousand Housatonic

dollars.

Thames River. Improving Thames River, Connecticut, thirty thousand dollars.

Improving New London Harbor, Connecticut, four thou-New London

sand three hundred dollars.

Removing obstructions in East River and Hell Gate, East River, New York, two hundred thousand dollars. ing obstructions. Buttermilk

Improving Buttermilk Channel, New York, sixty thou-channel.

sand dollars.

Improving Hudson River, New York, fifteen thousand Hudson River.

dollars. Improving Cheesequake's Creek, New Jersey, five thou-Cheesequake

sand dollars. Improving Cohansey Creek, New Jersey, seven thousand Cohansey

Improving Elizabeth River, New Jersey, four thousand Elizabeth dollars.

Passaic River. Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, fifty thousand dollars.

Improving Rahway River. New Jersev. ten thousand Rahway River. dollars.

Improving South River, New Jersey, six thousand dol-South River.

Improving Woodbridge Creek, New Jersev: Continu-Woodbridge ing improvement, five thousand dollars.

Improving Allegheny River from mouth of French Allegheny River. Creek to Pittsburgh, Pennsylvania, twenty-five thousand dollars.

Improving Schuvlkill River, Pennsylvania, forty thou-Schuvlkill River. sand dollars.

Improving Delaware River below Bridesburg, Pennsyl-Delaware River. vania, one hundred thousand dollars.

Improving Delaware River between Trenton, New Jersev, and Bridesburg, Pennsylvania, ten thousand dollars. Improving Delaware River near Cherry Island Flats, one hundred thousand dollars.

Improving Delaware River at Schooner Ledge. Penn-

sylvania and Delaware, forty thousand dollars.

Improving Broadkiln River, Delaware, five thousand Broadkill dollars. M ississippi

For the improvement of the Mississippi River, in accord-H. Ex. Doc. 58, ance with the plan therefor recommended in [House] 46th Cong., 2d Executive Document number fifty-eight, second session Forty-sixth Congress, by the Mississippi River Commission, to be expended by the Secretary of War, with the advice and under the supervision of said commission, the sum of one million dollars. And it shall be the duty of said commission to take into consideration, and of the Secretary of War to extend operations, under their supervision, to tributaries of the Mississippi River to the extent, and no further, that may be necessary in the judgment of

General and said commission to the perfection of the general and permanent improvement of said Mississippi River; but this provement. clause shall not be construed to interfere with the prosecu-

> tion by the War Department of the improvement of said Mississippi River and its tributaries under general appropriations made therefor: Provided, That no portion of the sum hereby appropriated shall be used in the repair or construction of levees for the purpose of preventing injury to lands by overflow, or for any other purpose whatever

except as a means of deepening or improving the channel of said river. And it shall be the duty of said commission to make report, on or before the first day of January next, to the Secretary of War, for transmission by him to Congress, of a detailed statement of the work done, and of the expenditure made from the sum hereby appropriated,

with their judgment upon the effect of such work, and the general practicability and estimate of the total cost of such improvements along said river from Cairo to the head of the passes.

Improving Broad Creek [Broad Creek River] from its Broad Creek River. mouth to Laurel, Delaware, ten thousand dollars,

Proviso.

River.

Report.

Improving mouth of Duck Creek [Smyrna River], Delaware, three thousand dollars.

Improving Mispillion Creek, Delaware, three thousand Mispillion Creek.

five hundred dollars.

Improving Choptank River between Denton and Greens- Choptank Rivborough, Maryland, five thousand dollars.

Improving Elk River, Maryland, five thousand dollars.

Improving Secretary Creek [Warwick River], Maryland, er. Warwick Riverthree thousand dollars.

Improving Threadhaven [Tred Avon] Creek for three Creek.

miles below Easton, Maryland three thousand dollars.

Improving Wicomico River[a] below Salisbury, Mary-River.

land: Completing improvement, two thousand dollars.

Improving Chester River from Spry's Landing to Crumpton, Maryland, six thousand five hundred dollars.

Improving water-passage[b] between Deal's Island and Water passage Little Deal's Island, Maryland, five thousand dollars.

Improving Appoint River, Virginia, twenty thou-Appoint tox sand dollars to be expended on the improvement of the

river and harbor at Petersburg, Virginia.

Improving Blackwater River, Virginia, one thousand Blackwater

five hundred dollars.

Improving Chickahominy River, Virginia, two thousand Chickahominy dollars.

Improving Dan River between Danville, Virginia, and Dan River.

Madison, North Carolina, eight thousand dollars.

Improving James River, Virginia, sixty thousand dol-

Improving Mattaponi River, Virginia, three thousand River.

three hundred dollars.

Improving mouth of Nomoni Creek, Virginia, two thouNomini Creek.

sand dollars.

Improving North Landing River, Virginia and North River. Carolina, seven thousand five hundred dollars.

Improving Nottaway River, Virginia, two thousand dol- Nottoway Rivers

Improving Pagan Creek, Virginia, five thousand dollars.

Improving Pamunkey River, Virginia, two thousand River.

Pamunkey five hundred dollars.

Dredging a channel through the flats in front of Mount Channel at Vernon, Virginia, one thousand five hundred dollars.

Improving Rappahannock River, Virginia, fifteen thou-Rappahannock

sand dollars.

Improving Staunton River, Virginia, five thousand dol- Staunton River.

ars.

Improving Totuski [Totuskev] River Virginia two Totuskey Riv-

Improving Totuski [Totuskey] River, Virginia, two er. Totuskey Rivthousand five hundred dollars.

Improving Urbana Creek, Virginia, four thousand dollars.
Improving York River at West Point, Virginia, twentyfive thousand dollars.

Urbana Creek.
York River.

a On the eastern shore.

bKnown as the Lower Thoroughfare.

44 ×

Baltimore Har-

Improving harbor at Baltimore, Maryland: Continuing operations for the shortening and deepening the channel to twenty-seven feet at mean low water, one hundred and fifty thousand dollars.

Elk River

Improving Elk River, West Virginia, five thousand dol-

Kanawha Riv-

Improving Great Kanawha River, and operation of works. West Virginia, two hundred thousand dollars.

Improving Guyandotte River, West Virginia, three thou-Guvandot Riv-00 sand five hundred dollars.

LittleKanawha Proviso. Navigation Co.

Improving Little Kanawha River, West Virginia, forty thousand dollars: Provided, That no tolls shall be collected Little Kanawha by the Little Kanawha Navigation Company for that part of the river improved by the general government.

Cape Fear Riv-

Improving Cape Fear River, North Carolina, from the ocean to Wilmington, one hundred and forty thousand dol-

Pranica

Improving the Cape Fear River from Wilmington to Favetteville, North Carolina, thirty thousand dollars: Provided, That the Secretary of War is directed to expend of the money hereby appropriated, a sum not exceeding ten thousand dollars, to extinguish any claim of right held by any company or corporation, to take tolls or make charges for the navigation of so much of said river as is above described: And provided further, That said claim of right shall be extinguished and released on or before the first day of December, eighteen hundred and eighty-one, and no part of this

Proviso

river until such claim of right is wholly extinguished and Proviso.

released: Provided further, That nothing herein contained shall be taken or held as a waiver on the part of the United States to the exclusive control of navigation of said river relieved from any charges or tolls imposed by any company or corporation.

appropriation shall be expended in the improvement of said

Currituck Improving Currituck Sound, Coanjok Bay, North River Sound. and Bar, North Carolina, thirty thousand dollars.

French Broad

Improving French Broad River, North Carolina, five thousand dollars.

Neuse River.

Improving Neuse River from its mouth to head of navigation, North Carolina, thirty thousand dollars.

Pamlico and Tar rivers.

Improving Pamlico and Tar Rivers, North Carolina, eight thousand dollars.

Scuppernong River.

Improving Scuppernong River, North Carolina, one thousand dollars.

Trent River.

Improving Trent River, North Carolina, five thousand dollars.

Yadkin River.

Improving Yadkin River, North Carolina, twelve thousand dollars.

Contentnia Creek.

Improving Contentnia Creek, North Carolina, ten thousand dollars.

Beaufort Harbor.

Improving Beaufort Harbor, North Carolina, thirty thousand dollars.

Lillington Improving Lillington River, North Carolina, three thou-River. sand dollars.

Improving Ashley River, South Carolina, one thousand Ashley River. five hundred dollars.

Improving Great Pedee River, South Carolina, between Great Pedee

Little Bluff and Cheraw, six thousand dollars.

Improving Waccemaw River, South Carolina, from its Wa mouth up to Waccemaw Lake, North Carolina, ten thousand dollars.

Improving Town Creek[a], in North Carolina, one thou- Town Creek. sand dollars.

Improving Chattahoochie River, Georgia, twenty thou Chattahoochee River. sand dollars.

Improving Coosa River, Georgia and Alabama, sixty Coosa River.

thousand dollars.

Improving Flint River, Georgia, fifteen thousand dollars. Flint River. Improving Ockmulgee River, Georgia, five thousand Ocmulsee dollars.

Improving Oconee River, Georgia, two thousand five Oconee River, hundred dollars; of which sum one thousand five hundred dollars to be expended between Dublin and Oconee Bridge.

Improving Oostenaula and Coosawattee Rivers, Georgia,  $_{ t Coosawattee}^{ t Oostenaula\, and}$ 

one thousand dollars.

Improving Savannah River above Augusta, Georgia, Savannah Riveight thousand dollars.

Improving Apalachicola River, Florida, one thousand Apalachicola

five hundred dollars.

Improving Choctawhatchee River, Florida and Alabama, Choctaw-hatchee River.

up to Newton, ten thousand dollars.

Improving entrance to Cumberland Sound, between Sound berland Amelia and Cumberland Islands, in Florida and Georgia, one hundred thousand dollars.

Improving Escambia River, Florida and Alabama, five Escambia Riv-

thousand dollars.

Improving Saint John's River, Florida, one hundred St. Johns River. thousand dollars.

Improving Pea's [Peace] Creek, in Florida, seven thou-Peace Creek.

sand dollars.

Improving Withlacooche River, in Florida, seven thou- Withlacoochee sand five hundred dollars.

Improving Suwanee River, Florida, three thousand dol- Suwanee River,

Improving Volusia Bar, Florida, five thousand five hun- Volusia bar.

dred dollars.

Improving Alabama River, Alabama, twenty thousand Alabama Riversity dollars.

Improving Big Sunflower River, Mississippi, four thou-Big Sunflower sand dollars.

Improving Noxubee River, Mississippi, eight thousand NoxubeeRiver. dollars.

Improving Pascagoula River, Mississippi, four thousand Pascagoula dollars.

a In Brunswick County, emptying into Cape Fear River about 7½ miles below Wilmington.

Poorl River

Improving Pearl River below Jackson, Mississippi, twenty-five thousand dollars.

Improving Pearl River Mississippi, from Jackson to

Carthage, two thousand five hundred dollars.

Tallahatchie River.

Improving Tallahatchee River, Mississippi, three thousand dollars; of which sum two thousand dollars shall be expended above the mouth of Cold Water River to Batesville.

Tombighee River

Improving Tombigbee River above Columbus, Mississippi, one thousand dollars.

Yazoo River.

Improving Yazoo River, Mississippi, six thousand dol-

Amite River.

Improving Amite River, Louisiana, five thousand dollars.

Bayou Courtahlean.

Improving Bayou Courtableau from Port Barre to Atchafalava. Louisiana, seven thousand five hundred dollars.

Bayou Teche.

Improving Bayou Teche from Saint Martinville to Port Barre, Louisiana, twenty thousand dollars.

Bayou Terrebonne.

Improving Bayou Terrebonne, Louisiana: Completing improvement, eight thousand eight hundred dollars.

Red River.

Removing raft in Red River and closing Tone's Bayou,

Louisiana, ten thousand dollars.

Removing obstructions from Red River, Louisiana, ten thousand dollars. And the Secretary of War is hereby directed to cause a thorough survey to be made of the mouth of Red River, and a plan for its permanent improvement to be reported to Congress on or before the first Monday of December, eighteen hundred and eighty-one, with estimates of cost; and said survey and plan to be paid for out of the unexpended balance already appropriated for the mouth of Red River.

Tangipahoa River.

River.

Improving Tangipahoa River, Louisiana, two thousand

dollars. Vermilion

Improving Vermillion River, Louisiana: Completing improvement, four thousand nine hundred dollars.

Warrior and Tombigbee riv

Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, to be expended in the same proportions as the appropriation under the act of June, eighteen hundred and

eighty, twenty-five thousand dollars.

Aransas Pass. Improving Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas, eighty thousand dollars.

Brazos River,

Improving channel over bar at mouth of Brazos River, channel at Texas, forty thousand dollars.

Pass Cavallo Inlet.

Improving Pass Cavallo Inlet into Matagorda Bay, Texas, sixty thousand dollars.

Ship channel, Galveston Bay.

Improving ship-channel, Galveston Bay, Texas, fifty thousand dollars.

Neches River. Sahine Pass and Blue Buck bar.

Improving Neches River, Texas, three thousand dollars. Improving Sabine Pass and Blue Buck Bar, Texas, one hundred and fifty thousand dollars.

Sabine River. Trinity River.

Improving Narrows of Sabine River above Orange, Texas, and to deepen channel at its mouth, seven thousand dollars. Improving Trinity River, Texas, ten thousand dollars.

Improving Arkansas River between Fort Smith, Arkan-Arkansas Rivsas, and Wichita, Kansas, twenty-four thousand dollars.

Improving Arkansas River at Pine Bluff, Arkansas,

twenty-three thousand dollars.

Improving Black River, Arkansas and Missouri, six Black River.

thousand dollars, to be applied from Poplar Bluff.

Improving Fourche Le Fevre River, Arkansas, three Fourche Le thousand dollars.

Improving Ouachita River, Arkansas and Louisiana, Ouachita Rivtwelve thousand dollars.

Improving Saline River[a], Arkansas, five thousand dol- Saline River.

Improving White River between Jacksonport and Buf- White River.

falo Shoals, Arkansas, eight thousand dollars.

Improving White and Saint Francis Rivers, Arkansas,

eight thousand dollars.

Improving Big Hatchee River, Tennessee, three thou- Hatchee River. sand five hundred dollars.

sand five nundred dollars.

Improving Caney Fork River, Tennessee, four thousand Caney Fork dollars.

Improving Clinch River Tennessee, three thousand dol- Clinch River.

lars.

Improving Cumberland River above Nashville, Tennes-River. see: From Nashville to Kentucky State line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, fifteen thousand dollars; at Smith's Shoals, completing improvement, ten thousand dollars.

Improving Cumberland River below Nashville, Tennessee,

fifteen thousand dollars.

Improving Duck River, Tennessee, three thousand dol-Duck River.

Improving French Broad River above Knoxville, Tennes-River, Broad see, three thousand five hundred dollars.

Improving Hiwassee River, Tennessee, one thousand five of Hiwassee River,

hundred dollars.
Improving Obed's [Obey] River, Tennessee, two thou-Obey River.

sand five hundred dollars.

Improving Tennessee River above Chattanooga, Tennes-River.

Improving Red River from its mouth to Port Royal, in Montgomery County, Tennessee, five thousand dollars.

Improving Tennessee River below Chattanooga, includer, including ing Muscle Shoals and shoal at Reynoldsburgh; Tennessee Muscle shoals. and Alabama, two hundred and fifty thousand dollars.

Improving Kentucky Riverfromits mouth to Three Forks, River. Kentucky, one hundred and twenty-five thousand dollars.

Improving Big Sandy River from Catlettsburgh, Ken-River. River. tucky, to head of navigation, fifty thousand dollars; of which sum forty-six thousand dollars shall be expended at Louisa, and four thousand dollars in the continuation of works on the upper river.

er. Improving Sandusky River, Ohio seven thousand five hundred dollars.

Wabash River. Improving Wabash River, Indiana, fifty thousand dollars, one-half of which is to be used on the river above Vincennes.

White River.

Improving White River, Indiana, from Wabash River to Portersville, and to falls on West Fork, twenty thousand dollars.

Illinois River. Improving Illinois River, Illinois, two hundred and fifty thousand dollars.

Mississippi Improving Mississippi River at and above Alexandria,
Missouri, six thousand dollars.

Improving Mississippi River at or near Cape Girardeau and Minton's Point. Missouri, ten thousand dollars.

Improving Mississippi River from Des Moines Rapids to mouth of Illinois River, Illinois and Missouri, one hundred and seventy-five thousand dollars; and the sums of money heretofore appropriated for the improvement of the Mississippi between the Illinois and Missouri Rivers, and unexpended, are hereby reappropriated, and shall be applied to the improvement of the harbor and Mississippi River at Alton.

Improving Mississippi River between mouths of the Illinois and Ohio Rivers, Illinois and Missouri, six hundred thousand dollars.

Removing bar in Mississippi River opposite Dubuque,

Iowa, five thousand dollars.

Completion of work of removing sand-bar in Mississippi River opposite Guttenberg, Iowa, five thousand dollars.

Improving Mississippi River at Hannibal, Missouri, twenty thousand dollars.

Improving Mississippi River at Natchez and Vidalia,

Mississippi and Louisiana, fifty thousand dollars.

Improving Mississippi River above Falls of Saint An-

thony, Minnesota, ten thousand dollars.

Improving Mississippi River from Saint Paul to Des Moines Rapids, Minnesota, Iowa, Missouri, Illinois, and Wisconsin, two hundred thousand dollars.

Quincy Bay.

Gauging waters of Mississippi River and its tributaries: Continuing observations of the Ristat., 598.

Improving Quincy Bay, Illinois, ten thousand dollars.

Annual expense of gauging the waters of the Mississippi River and its tributaries: Continuing observations of the stat., 598.

Gauging waters of the Mississippi River and its tributaries: Continuing observations of the state, 598.

Gauging waters of the Mississippi River and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Upper Mississippi River.

Improving Upper Mississippi River: Operating snagboat and building light-draught steamer, twenty-five thousand dollars.

Rock Island Rapids, Mississippi River, Iowa and Illinois: Completing improvement, eight thousand dollars.

Des Moines Improving Des Moines Rapids, Iowa and Illinois, Des Moines twenty-five thousand dollars. And hereafter, for the Rapids Canal.

St. Marys Falls purpose of operating and keeping in repair the Des Canal.

Moines Rapids Canal, and Saint Mary's Falls Canal, and

Osage River.

Saint Clair Flats Canal, and the Louisville and Canal, the Secretary of War is authorized to draw his Louisville and requisition on the Secretary of the Treasury from time to Vol. 23, p. 147. time, which requisition shall be paid out of any money in Post, p. 415. Vol. 26, p. 455. Post, p. 586. Saint Clair Flats Canal, and the Louisville and Portland St. Clair Flats Canal, the Secretary of War is authorized to draw his Louisville and

Improving the Osage River, Kansas and Missouri,

twenty thousand dollars.

Improving Cuivre River, Missouri, from mouth to Cuivre River. Chain of Rocks, and removing snags and obstructions, five thousand dollars.

Improving Gasconade River, Missouri, ten thousand Gasconade dollars.

Improving Missouri River at Atchison, Kansas, twenty Missouri River. thousand dollars.

Improving Missouri River from Kansas City to its mouth,

thirty-five thousand dollars.

Improving Missouri River at Brownville, Nebraska, ten

thousand dollars. Improving Missouri River at Cedar City, Missouri, fif-

teen thousand dollars.

Improving Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska, thirty thousand dollars.

Improving Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska, twenty thousand dollars.

Improving Missouri River at Plattsmouth, Nebraska, ten thousand dollars.

Improving Missouri River at or near Fort Leavenworth,

Kansas, eight thousand dollars. Improving Missouri River at and near Glasgow, Mis-

souri, twenty thousand dollars. Improving Missouri River at and near Kansas City, Mis-

souri, twenty thousand dollars.

Improving Missouri River at Lexington, Missouri, ten thousand dollars.

Improving Missouri River at Saint Charles, Missouri, fifteen thousand dollars.

Improving Missouri River at and near Saint Joseph, Missouri, twenty thousand dollars.

Improving Missouri River at Sioux City, Iowa: For im-

provement of channel, seven thousand dollars.

Improving Missouri River at Vermillion, Dakota, fifteen thousand dollars.

Improving Missouri River above mouth of Yellowstone

River, Dakota, forty thousand dollars.

Survey of Missouri River from its mouth to Fort Ben-Survey of Missouri River. ton, Montana: Continuing survey above Sioux City, thirty thousand dollars.

aSection 14 of the river and harbor act approved September 19, 1890, makes the provisions of this section applicable to the Des Moines Rapids Canal dry dock. All such expenses are now defrayed from the permanent indefinite appropriation provided by section 4 of the river and harbor act approved July 5, 1884.

Improving Detroit River, Michigan, fifty thousand dol-Detroit River. lars.

Improving Saginaw River, Michigan, ten thousand dol-Saginaw River.

Improving Saint Mary's River and Saint Mary's Falls St. Marys River and St. Marys Falls Canal, Michigan: Completing improvement, one hundred and fifty thousand dollars.

Repairs and contingencies of public works at Saint Anthonys Falls. Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, fifteen thousand dollars, which shall be available immediately after the passage of this act.

Improving Saint Croix River below Taylor's Falls. Wis-St. Croix River.

consin, eight thousand dollars.

Improving Red River of the North, Minnesota and Da-Red River of the North.

kota, eighteen thousand dollars.

Constructing a lock and dam at Goose Rapids, on the Goose Rapids. Red River of the North. Minnesota and Dakota, twenty thousand dollars.

Yellowstone Improving Yellowstone River, Montana and Dakota, River

twenty thousand dollars.

Continuing improvement at the entrance of Coos Bay Coos Bay Har-

Harbor, Oregon, thirty thousand dollars.

Canal around Cascades of Columbia River, Oregon, one Canal, Cascades of Columbia Riv hundred thousand dollars.

Upper Colum-bia River. Improving Upper Columbia River, including Snake

River, Oregon, fifteen thousand dollars.

Lower Willa-Improving Lower Willamette and Columbia Rivers, from mette. Portland, Oregon, to the sea, including bar at mouth of Columbia River, Oregon, forty-five thousand dollars.

Improving Upper Willamette and Yamhill Rivers, Ore-Upper Willamette. gon, fifteen thousand dollars.

Petalum a Improving Petalumas Creek, California, eight thousand Creek.

Sacramento Improving Sacramento River, California, sixty thousand River.

Improving San Joaquin River, California, forty thou-San Joaquin River.

sand dollars; ten thousand dollars of which amount may be used in the discretion of the engineer in the improvement

of Mormon Slough.

Examinations Examinations and surveys at South Pass of Mississippi and surveys at Examinations and surveys at South 1 ass of Rississispp. South Pass of River: To ascertain the depth of water and width of chan-Mississippi nel secured and maintained from time to time by James B. River. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars; and also to ascertain by soundings whether and to what extent, within a distance of five miles from the present mouth of the river at the South Pass, the gulf has filled up by deposits from the river since the construction of the Eads jetties.

Fox and Wis-Improving Fox and Wisconsin Rivers, Wisconsin, one consin rivers. hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin River, and seventy-five thousand for continuing the improvement of the Fox River.

Improving Calcasieu Pass, Louisiana, twelve thousand Calcasieu Pass dollars.

Improving Calcasieu River, Louisiana, from Phillips Bluff to its mouth, three thousand dollars.

Improving Savannah River, Georgia, fifteen thousand Savannah dollars.

Improving Mississippi River at Andalusia, Illinois, six Mississippi thousand dollars.

Improving Mississippi River at Louisiana, Missouri, ten

thousand dollars. Repairing breakwater on the Saint Croix River near St. Croix River.

Calais, four thousand dollars. Improving Altamaha River, Georgia, five thousand dol-River.

Improving Wappoo Cut, South Carolina, ten thousand Wappoo Cut. dollars.

Improving Neabsco Creek, Virginia, five thousand dol-Neabsco Creek.

Improving Bayou Bartholomew, Louisiana and Arkan-Bayou Bartholomew. sas, eight thousand dollars.

Improving Tensas River, Louisiana, three thousand dol-Tensas River.

Improving Bayou Black[a], in Louisiana, ten thousand Bayou Black. dollars.

Improving Bayou Boeuf, Louisiana, five thousand dol-Bayou Bœuf.

Improving Current River, Missouri and Arkansas, from Current River. Doniphan to its mouth, two thousand dollars.

Improving Rancocas River, New Jersey, ten thousand Rancocas dollars.

Improving Christiana River and Wilmington Harbor, Christiana Delaware: Deepening the channel and improving the harbor of Christiana River from the Delaware River to and above the city of Wilmington, in accordance with the surveys and plans of the United States Engineer Department, fifty thousand dollars.

Chester Creek. Improving Chester Creek, Pennsylvania, three thousand dollars.

Improving Mattawan Creek, New Jersey, fifteen thou-Matawan sand dollars.

Improving Raritan Bay, New Jersey, from Perth Amboy Raritan Bay. and South Amboy to the main ship-channel off Great Kiln,

fifty thousand dollars. Improving Newport Harbor, Rhode Island, twenty-five Newport Har-

thousand dollars. Improving Tradewater River, Kentucky, open naviga- Tradewater

tion, three thousand dollars. Improving Cumberland River, Kentucky, above mouth of River. Jelico, ten thousand dollars.

a Discharges into Bayou Bouf, which latter empties into Berwick Bay (an enlargement of Atchafalaya River) at Morgan City.

Buffalo Bayou. Improving Buffalo Bayou, Texas: To secure a channel of one hundred feet, twenty-five thousand dollars.

Improving Kewanee Harbor, Wisconsin, five thousand

Harbor. dollars.

Kewaunee

Niagara River. Improving Niagara River, New York, five thousand dollars.

Portland Har- Improving Portland Harbor, Maine, twenty thousand dollars.

Scituate Har Improving Scituate Harbor, Massachusetts, ten thousand dollars.

Moosabec bar. Improving Moosabec Bar at Jonesport, Maine, ten thousand dollars.

Wareham Har- Improving Wareham Harbor, Massachusetts, ten thousand dollars.

Canarsie Bay. Improving Canarsie Bay, New York, five thousand dollars.

Bay. Sheepshead Bay, New York, five thousand dollars.

Salem River. Improving Salem River, New Jersey, three thousand dollars.

River. Susquehanna River, Pennsylvania, above Richard's Island, fifteen thousand dollars.

Improving Susquehanna River above and below Havre de Grace, Maryland, fifteen thousand dollars.

Archers Hope Improving Archer's Hope River, Virginia, five thousand dollars.

Wateree River. Improving Wateree River, South Carolina, eight thousand dollars.

Improving Santee River, South Carolina, by deepening and straightening its outlet to Winyah Bay through Mosquito Creek, twenty-two thousand dollars.

bor. Improving Pensacola Harbor, Florida, twenty thousand dollars.

Improving Tchefuncte River, Louisiana, one thousand five hundred dollars.

Tickfaw River. Improving Tickfaw River, Louisiana, two thousand dollars.

Improving Bayou Teche by connecting same with Grand Lake at Charenton, Louisiana, twenty-five thousand dollars.

Brazos SantiImproving bar and harbor at Brazos Santiago Toyon

Improving bar and harbor at Brazos Santiago, Texas, seventy-five thousand dollars.

River.

Improving Yallabusha River, Mississippi, three thousand

River. Improving Yallabusha Kiver, Mississippi, three thousand five hundred dollars.

Tchula Lake. Improving Tohula Lake. Mississippi three thousand the control of the con

Tchula Lake. Improving Tchula Lake, Mississippi, three thousand dollars.

For the expenses of operating and maintaining the Louisville and Portland Canal for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, forty-two thousand dollars, which sum shall be immediately available.

Yaquina Bay. Improving entrance to Yaquina Bay, Oregon, ten thousand dollars.

Cowlitz River. Improving Cowlitz River, Washington Territory, one thousand dollars.

Of the amount now available for the improvement of Pierat Donald-sonville, removal Bayou La Fourche, Louisiana, the sum of five hundred dol-of. lars, or so much thereof as may be necessary, shall be ex-

pended in the removal of brick pier at Donaldsonville.

Improving Richmond Harbor, Kennebec River, Maine, Richmond Harbor, thousand dellars, of which was a stranged dellars, for Kennebec ten thousand dollars; of which sum six thousand dollars River. shall be expended for wing dams and dredging at the head of Swan's Island and at Hatch's Rock, and four thousand dollars in dredging and deepening the channel at the foot of Swan's Island according to the plan recommended by Lieutenant Russell.

For reservoirs upon the headwaters of the Mississippi Reservoirs River and its tributaries, one hundred and fifty thousand of Mississippi dollars; and this sum, together with the sum of seventy-River. five thousand dollars heretofore appropriated for the construction of a dam at Lake Winnibigoshish, shall be expended at such places on said headwaters of the Mississippi River and its tributaries as the Secretary of War shall determine: And it is provided, That compensation for any Proviso. Damages to priprivate property taken or appropriated for any of said im-vate property, provements, and all damages to private property caused by compensated for understate laws. the construction of any of said dams, by flowage or otherwise, shall be ascertained and determined under and in accordance with the laws of the State in which such private

property is situated.

And the Secretary of the Interior is hereby authorized and Rights of Indians preserved directed to ascertain what, if any, injury is occasioned to the and protected. rights of any friendly Indians, occupying any Indian reservation, by the construction of any of said dams, or the cutting or the removing of trees or other materials from any such reservation for the construction or erection of any of said dams, and to determine the amount of damages payable to such Indians therefor; and all such damages to private property and to friendly Indians, when ascertained and determined in the manner herein directed and provided, shall be paid by the United States: Provided, however, Proviso. That such damages shall not exceed ten per centum of the sums hereby and heretofore appropriated for the construction of said reservoirs.

Improving Sumpawamus Inlet, New York, five thousand Sumpawanus dollars.

Improving the harbor at the entrance of Saint Jerome's St. Jeromes Greek Harbor. Creek, Maryland, six thousand five hundred dollars.

For the improvement of Saint Jones River, in the State of St. Jones River.

Delaware, five thousand dollars.

Such parts of the money appropriated by this act for any sites for locks particular improvement requiring locks and dams as may and dams. be necessary in the prosecution of such improvement may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: Provided, That Proviso. such expenditure shall be under the direction of the Secretary of War: And provided further, That if the owners of Proviso. such lands shall refuse to sell them at reasonable prices,

Title, how per then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

Manner of It shall be the duty of the Secretary of War to apply the provements.

Manner im of It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works, as

surveys and estimates, in carrying on the various works, as far as can be without actual detriment to the interest of the government, by contract. Where such works cannot be done by contract without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner

Proposals.

and form as the Secretary of War shall prescribe; and such Contracts after contracts shall be made with the lowest responsible bidders, devertisement.

Lowest bidder, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper pay-

work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material.

Examinations and surveys.

SEC. 3. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:

Harbor of San Luis Obispo, California.

Tombigbee River, Mississippi, from Fulton to Warren's Mill

- The Chattahoochee River, in Georgia, between West Point and Bolton, on the Western and Atlantic Railroad, so as to complete the survey of that portion of said river.

Bear Creek, running into Yazoo River. Harbor at Port Henry, on Lake Champlain.

Frankford Creek from its mouth in the Delaware River to Frankford Avenue.

Five Mile Point, above Bridesburg, Delaware River.

Mouth of the Mispillion, Delaware.

Mokelumne River, California, from its mouth at or near Woodbridge.

New York Bay between Sandy Hook and Coney Island Point.

Newton Creek, Camden County, from Delaware River to head of navigation.

Mantua Creek, Gloucester County, from Delaware River to head of navigation.

Maurice River from Delaware Bay to Millville, Cumberland County.

Salem and Cohansey Rivers, New Jersey.

Completing survey of Harlem River and through the Harlem Kilns[a] to the East River.

Survey for harbor of refuge in Lake Pepin, at Stock-holm, Wisconsin, and Lake City, Minnesota.

a Known also as Bronx Kills,

Beaver Bay, Minnesota, to ascertain the cost and practi-

cability of making it a harbor of refuge.

Grand Portage Bay and Wans-wau-goising[a] Bay, Minnesota, to determine which, if either, should be made a harbor of refuge.

Sackett's Harbor, New York.

Matagorda Bay at the mouth of Saint Mary's Bayou, near the town of Matagorda, Texas.

Harbors of Madison and Clinton, Connecticut.

Edgartown Harbor and South Beach, Massachusetts. Staunton River from Brook Neal, in Campbell County, to mouth of Pig River, Virginia.

Roanoke River from Weldon North Carolina, to Clarks-

ville, Virginia.

Bear Creek, running from Northeast Mississippi into the

Tennessee River.

To deepen the channel of the Harrisecket River from Weston's Point to Freeport Landing in Freeport, Maine. The channel of Broad Creek on the west side of Kent Island, Maryland.

Harbor of Brunswick, on the Androscoggin River. Buzzard's Bay and Barnstable Bay, Massachusetts, at

the entrance of the proposed Cape Cod Canal.

Sabine Pass, Texas, through Sabine Lake and River to Orange and Sabine Lake, and the Neches River to Beaumont, to ascertain the cost and practicability of a deepwater channel from Sabine Pass to Orange and Beaumont.

Old Town Creek, Mississippi.

Bar at mouth of Winyah Bay, near Georgetown, South Carolina.

Little Red River in Arkansas.

And the Secretary of War is hereby directed to cause to be made examinations and surveys, or both, and estimates of the cost of the further improvements necessary to be made in the Savannah River and Harbor to increase the depth of the water in said river and harbor from the bar up to the city to twenty-two feet, and to make an estimate of the cost of widening the channel of the Savannah River opposite the city to six hundred feet of uniform depth with the balance of the channel.

Young's, Lewis' and Clarke's, and Skipanon Rivers, entering into Young's Bay, in the county of Clatsop, near mouth

of Columbia River, Oregon.

Snake River from Lewiston to the mouth of Salmon River, Idaho Territory.

Corsica Creek, Maryland.

Harbor at mouth of Cedar River, on Green Bay, Michigan.

Lynn Harbor, Massachusetts.

Merrimac River from Lawrence, Massachusetts, to Manchester, New Hampshire.

a The correct name is Wauswaugoning.

Channel between islands of North Hero and South Hero, Lake Champlain.

Little Tennessee River from its mouth on the Holston or Big Tennessee River to the mouth of Tellico River.

Dog Island Harbor, harbor of Key West, Crystal River, La Grange Bayou up to Freeport, Manatee River, and Crooked [Carrabelle] River, Florida.

Indian River, Florida, at the north end, in view of opening a passage into the [Mosquito<sup>a</sup>] lagoon one-half mile east.

From a point between Ellis Island and the docks of New Jersey Central Railroad, to a point between Robbins' Reef Light and Constable Hook, in waters of New York Bay, New Jersey.

Big Black River, Mississippi. Outlet of harbor of Ship Island.

Harbor at Boloxi [Biloxi], Mississippi. Harbor at Pascagoula, Mississippi[<sup>b</sup>].

Upper thoroughfare [6] leading into Tangier Sound, Deil's Island, and Rock Creek, Maryland.

Fish Bend, near Fort Chartres, in the Mississippi River.

Murder Kiln [Murderkill River], Delaware.

Delaware River.

Potomac and Anacostia Rivers, in the vicinity of Washington, District of Columbia, with reference to the improvement of navigation, the establishment of the harbor-line, and the raising of the flats, so far as their improvement may be necessary to the improvement of navigation and the establishment of the harbor-line.

Mouth of Cedar River, Green Bay, Michigan.

Greenport Harbor, New York.

Survey for harbor of refuge at New Buffalo, Michigan. The headwaters of the Cannon River, in Minnesota, with a view that the same may be added to the reservoir system of the Upper Mississippi.

The water connection between the Waccamaw and Cape Fear Rivers, with the view of ascertaining if a continuous inland water connection can not thereby be established.

Toledo, Ohio, for a straight channel to Lake Erie. For harbor at Caseville, Saginaw Bay, Lake Huron.

The Calumet River from South Chicago to the village of

Pullman, on Lake Calumet.

For a further survey of James River, for the purpose of ascertaining the practicability and cost of procuring a channel of twenty-five feet at full tide from Richmond to the mouth of the river.

<sup>&</sup>lt;sup>a</sup>The passage connecting these two waterways is known as the Haulover Canal, or the Haulover.

bThe report upon this item stated that "this harbor was found to be good enough," but that the object desired seemed to be the improvement of Horn Island Pass. Consequently the project presented in the report provided only for the improvement of Horn Island Pass, from Horn Island Harbor to the Gulf.

<sup>&</sup>lt;sup>c</sup> This passage is between Deal Island and the mainland.

Survey of Upper Machodoc Creek, a tributary of Potomac River.

Survey of Urbana Creek, a tributary of Rappahannock River, from the village of Urbana to the Oaks.

The harbor of Mamaroneck, New York.

Cumberland River at Smith's Shoals, in the State of Kentucky, to ascertain the practicability and the cost of a canal, with locks and dams, from the head to the foot of said shoals.

The harbor at the Delaware Breakwater, and the entrance

thereto.

Indian River, in the State of Delaware, from its mouth to Millsborough.

Survey of the Clarion River from its mouth to Ridgway,

Pennsylvania.

From Brazos de Santiago through Laguna Madre to Point Isabel, Texas, to ascertain the cost and practicability of a deep-water channel from the anchorage at Brazos de Santiago to the railroad wharf at Point Isabel.

Survey for breakwater and harbor of refuge at Milford

Connecticut.

Entrance to Gray's Harbor, Washington Territory.

Between Baker's Bay[a] and Shoalwater [Willapa] Bay,
Washington Territory, for canal for light-draught vessels.

Missouri River at or near Arrow Rock.

For survey of Nishnabotana [River] from Hamburg, Iowa, to its junction with the Missouri.

Skipton Creek, Maryland.

Bush River, Maryland, from Harford Furnace to Chesapeake Bav.

Licking River from its mouth to Falmouth, in Kentucky. Oregon Inlet, in Dare County, in North Carolina. Survey of Chehalis River, in Washington Territory.

Whiteoak, Meherrin, and New Rivers, in North Carolina. Sec. 4. That for the examinations and surveys herein provided for, and for incidental repairs of harbors for which there is no special appropriation, the sum of fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby, and such general commercial statistics as the Secretary of War may be able to procure.

Approved, March 3, 1881.

Appropriation.

Report.

Mar. 4, 1882. CHAP. 22.—An Act Making an appropriation for continuing the improvements of Galveston Harbor, State of Texas.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred thousand dollars be, and the same is hereby, appropriated, out of any moneys in the Treasury not otherwise appropriated, for the purpose of continuing the improvements of Galveston Harbor, in the State of Improvement Texas, which improvements are now being prosecuted under the direction of the Secretary of War, and the appropriation for which is wholly insufficient to continue the work to the end of the current fiscal year; and the expenditure

Appropriation of the sum hereby appropriated is placed under the direction and control of the Secretary of War.

Approved, March 4, 1882.

Mar. 6, 1882. Vol 22, p. 7. **CHAP. 24.**—An Act To provide for certain of the most urgent deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, \* \* \*

Fishing battery, Susquehanna River.

The Secretary of War is authorized to use the unexpended balance of the appropriations for the improvement of the Susquehanna River above and below Havre de Grace in the construction of the channel and breakwaters of the "fishing battery" below Havre de Grace.

Approved, March 6, 1882.

Mar. 21, 1882. CHAP. 44.—An Act Appropriating one hundred thousand dollars Vol. 22, p. 30. for continuing the work on Davis Island Dam.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Davis Island the sum of one hundred thousand dollars, be, and the same hereby is, appropriated, out of any money in the Treasury not otherwise appropriated, for the purpose of continuing the work on the Davis Island Dam in the Ohio River, and to be expended under the direction of the Secretary of Appropriation. War, and in anticipation of part of the appropriation for such purpose in the regular river and harbor act.

Approved, March 21, 1882.

CHAP. 112.—An Act To amend section fifty-two hundred and fifty-four, title sixty-three, Revised Statutes of the United States, concerning the use of piers and crib in the Mississippi River.

May 1, 1882. Vol. 22, p. 52,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That St. Croix River, section fifty-two hundred and fifty-four, title sixty-three, of R.S., 5254, 1016, the Revised Statutes of the United States shall be amended amended amended. by adding after the words "Mississippi River," in the first line of said section, the words "and the Saint Croix River in the States of Wisconsin and Minnesota."

1873, c. 278 Ante, p. 220.

Approved, May 1, 1882.

CHAP. 119.—An Act Making an immediate appropriation for the removal of obstructions at Hell Gate, New York.

May 4, 1882. Vol. 22, p. 58,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Removal of obstructions from the sum of fifty thousand dollars be and is hereby appro-Hell Gate, N. Y. priated, to be paid out of any money in the Treasury not otherwise appropriated, for the removal of obstructions in East River, Hell Gate, New York, the same to be expended under the direction of the Secretary of War, and to be immediately available.

Approved, May 4, 1882.

CHAP. 231.—An Act For the government and control of the harbor June 19, 1882. of refuge at Sand Beach [Harbor Beach], Lake Huron, Michigan. Vol. 22, p. 107.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That 'Harbor of ref-from and after the passage of this act, and until the com- (Harbor Beach), pletion of the work of construction the Secretary of War Mich. Secretary of is directed to assume full control over the harbor of refuge Warto have full on Lake Huron at Sand Beach [Harbor Beach], Michigan, completion of now in course of construction by the United States Govern-work. ment, and of the piers, breakwaters, docks, wharves, buildings, and other improvements made by the United States appertaining to said harbor of refuge, and to facilitate the use thereof, including the channels of and approaches to said harbor of refuge, so far as may be necessary to the protection and use of said harbor and the improvements aforesaid; and said Secretary of War, for the purpose Regulations for aforesaid, and for the preservation of said harbor in the work and in interests of commerce, shall prescribe such regulations not provements. inconsistent with the laws of the United States respecting the use of said harbor and its channels, and the approaches thereto, and respecting the use of the piers, breakwaters, docks, wharves, buildings, and other improvements of said harbor, made by the United States, as he shall deem needful to fully protect and preserve the said harbor and its several channels and approaches, and the said piers, break-

waters, docks, wharves, buildings, and other improvements. Such regulations shall be promulgated by publication thereof for ten days consecutively in one daily newspaper published in each of the cities of Detroit, Port Huron, Buffalo, Cleveland, and Chicago, and said regulations may be changed in like manner from time to time. He shall also cause four copies of such regulations to be kept posted in conspicuous places on said piers and breakwaters.

Custodianto be appointed.

Duties.

Sec. 2. That the Secretary of War shall appoint, upon the recommendation of the engineer officer in charge of the work, a custodian of said harbor and the improvements aforesaid, whose duty it shall be to preserve and protect the same under the regulations made as aforesaid by the Secretary of War, and to enforce the observance of said regulations and to guard and preserve the property of the United States at said harbor of refuge. Said custodian shall also have power to direct and regulate the stationing and anchoring of steam vessels and water-craft in said harbor, and the mooring thereof at the piers, breakwaters, docks, and wharves of said harbor, and the laving out and discharging of cargoes and ballast in said harbor, piers. breakwaters and docks; and it shall be the duty of said custodian to report to the United States District Attorney for the eastern district of Michigan all violations of this act, and of the said regulations prescribed by the Secretary of War; and said custodian shall receive such compensation, not exceeding one hundred and fifty dollars per month. as the Secretary of War may allow.

Compensation.

Penalties for violation of regulations.

Sec. 3. That it shall be the duty of all persons using or navigating said harbor, its channels and approaches, or using any of the piers, breakwaters, docks, wharves, or other improvements made by the United States, to observe the regulations prescribed by the Secretary of War as aforesaid; and any person who shall willfully or negligently strand or sink any steam-vessel, boat, or craft in said harbor, or in the channels or approaches, or who shall willfully obstruct or oppose the custodian of said harbor in the enforcement of the regulations aforesaid, or who shall willfully or negligently, or by failure or neglect to observe the regulations prescribed by the Secretary of War for the use thereof, obstruct or impair said harbor, or cause any impediment, injury, filling up, or shoaling therein, or shall deposit any earth, ashes, stone, ballast, or other substances in said harbor, channels or approaches tending to obstruct or impair the navigation thereof, or who shall willfully damage or injure the piers, break-waters, wharves, docks, or other improvements of said harbor made by the United States, or who shall fail to obey and observe any of said prescribed regulations, shall be liable to a penalty of not less than fifty dollars nor more than five hundred dollars, to be recovered by information or by action of debt in the District Court of the United States for the eastern district of Michigan, with costs of suit, and shall, in addition thereto, be liable to the United States, or to any person aggrieved by such obstructions, or injuries, or unlawful acts or omissions in a civil action for all damages occasioned thereby, or by any of said unlawful acts, to said United States or such aggrieved person. And if such damage or injury to said harbor, channels, approaches, piers, breakwaters, docks, wharves, and other property of the United States in said harbor of refuge be committed by any steamer. vessel, or water-craft, or by the master or person in charge thereof, or if such master or other person in charge of such vessel shall willfully violate the regulations aforesaid, the aforesaid penalty of not less than fifty dollars nor more than five hundred dollars shall be incurred, and such vessel shall be liable for the penalty aforesaid, and may be proceeded against by way of libel for the recovery thereof in any court of the United States within whose jurisdiction such vessel may be found.

SEC. 4. That the Secretary of War may, in his discretion, Steam launch purchase or hire a steam launch or tug, to be stationed at harbor duty. and used about said harbor, under the direction of said custodian, for the purpose of enforcing the provisions of this act; and such a sum as may be necessary, not exceeding ten thousand dollars, is hereby appropriated for the Appropriation. purchase or hire of said steam launch; and the expense of running and maintaining said launch or tug and the salary of the custodian shall be paid out of the appropriation

made for said harbor of refuge.

Sec. 5. That after the completion of said harbor by the Transfer of im-United States Government the control shall be transferred provements to to the Secretary of the Treasury.

Approved, June 19, 1882.

Treasury.

CHAP. 364.—An Act Granting to certain parties right of way over July 31, 1882. lands and waters of the United States. Vol. 22, p. 181.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That St. Tammany Davidson B. Penn, of New Orleans, Louisiana, and his asso-co., of New Orleans, under the name and style of the St. Tammany leans, granted Water Works Company," or such other style as they may lay aqueducts, adopt, be, and are hereby, granted the right of way to lay ters of Lake conduits, pipes, arches, and aqueducts under the waters entitled to the Control of the Con of Lake Pontchartrain to connect its northern shores with the city of New Orleans, and over and under any of the public waters or lands of the United States between New Orleans and said shore of said lake: Provided, That every part of such pipes, aqueducts, or other constructions shall be at least ten feet below the surface of said waters at mean low tide: Provided, also, That if at any time the constructions of said company shall in any

way obstruct or interfere with the free and safe navigation of any of said waters, such constructions shall be removed or changed by the company upon notification by the Secretary of War.

Approved, July 31, 1882.

Aug. 2, 1882. CHAP. 375.—An Act Making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Appropriations the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Portland Har- Improving harbor at Portland, Maine: Continuing improvement, thirty-five thousand dollars.

Richmond Har- Improving harbor at Richmond, Maine: Continuing improvement, ten thousand dollars.

Rockland Har- Improving harbor at Rockland, Maine: Constructing breakwaters, forty thousand dollars.

Portsmouth Improving harbor at Portsmouth, New Hampshire: Continuing improvement, seventeen thousand dollars.

Harbor. Improving harbor at Burlington, Vermont: Continuing improvement, twelve thousand dollars.

Swanton Harbor. Improving harbor at Swanton, Vermont: Continuing improvement, four thousand five hundred dollars.

Boston Harbor. Improving harbor at Boston, Massachusetts: Completing improvement, ninety-six thousand five hundred dollars.

Nantucket Improving harbor at Nantucket Massachusetts: Con-

Nantucket Improving harbor at Nantucket, Massachusetts: Continuing improvement, twenty-five thousand dollars.

Improving harbor at Newburyport, Massachusetts: Continuing improvement, twenty-five thousand dollars.

Harbor. Improving harbor at Newbury port, Massachusetts: Continuing improvement, forty thousand dollars.

Plymouth Har
Improving harbor at Newbury port, Massachusetts: Continuing in the cont

Improving harbor at Plymouth, Massachusetts: Continuing improvement, fourteen thousand dollars.

Improving harborat Provincetown, Massachusetts: Continuing improvement, five thousand dollars.

Scituate Har- Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars.

Wareham Har- Improving harbor at Wareham, Massachusetts: Continuing improvement, five thousand dollars.

Little Narragansett Bay, Rhode Island: Continuing improvement, six thousand dollars.

Newport Har- Improving harbor at Newport, Rhode Island: Continuing improvement, twenty thousand dollars.

Block Island Improving harbor and breakwater at Block Island, Rhode breakwater. Island: Continuing improvement, nineteen thousand dollars.

Harbor. Improving harbor at Bridgeport, Connecticut: Continuing improvement, ten thousand dollars.

Breakwater at New Haven, Connecticut: Continuing Breakwater at New Haven. operations, sixty thousand dollars.

Improving harbor at Milford, Connecticut: Continuing Milford Har-

improvement, five thousand dollars.

Improving harbor at New Haven, Connecticut: Contin-New Haven uing improvement, thirty thousand dollars.

Improving harbor at New London, Connecticut: Contin-New London

uing improvement, nine thousand dollars.

Improving harbor at Norwalk, Connecticut: Continuing Norwalk Harimprovement, five thousand dollars.

Improving harbor at Southport, Connecticut: Contin-SouthportHar-

uing improvement, three thousand dollars.

Improving harbor at Stonington, Connecticut: Contin-Stonington

uing improvement, twenty-five thousand dollars.

Improving Buttermilk Channel, New York Harbor: Con-Buttermilk New tinuing improvement, sixty thousand dollars. York Harbor.

Improving harbor at Buffalo, New York: Continuing im- Buffalo Harbor.

provement, one hundred and twenty-five thousand dollars.

Improving Canarsie Bay, New York: Continuing im- Canarsie Bay.

provement, three thousand dollars.

Improving harbor at Charlotte, New York: Continuing Charlotte Harimprovement, thirty-five thousand dollars.

Improving Flushing Bay, New York: Continuing im- Flushing Bay.

provement, five thousand dollars.

Improving harbor at Great Sodus Bay, New York: Con-Bay Harbor. tinuing improvement, twenty-five thousand dollars.

Improving harbor at Little Sodus Bay, New York: Con-Little Sodus

tinuing improvement, twenty-five thousand dollars.

Improving harbor at New Rochelle, New York: Contin-New Rochelle uing improvement, fifteen thousand dollars.

Improving Echo Harbor, New Rochelle, New York: Echo Harbor.

Continuing improvement, three thousand dollars.

Improving harbor at Ogdensburgh, New York, ten thou-Dogdensburgh

sand dollars.

Improving harbor at Oswego, New York: Continuing Oswego Harbor. improvement and enlargement of harbor, eighty thousand dollars.

Improving Oak Orchard Harbor, New York, three thou-Harbor

sand dollars.

Improving harbor at Port Chester, New York: Contin-Port Chester

uing improvement, fifteen thousand dollars.

Improving Gowanus Bay: Continuing improvement, Gowanus Bay.

twenty thousand dollars.

Improving harbor at Port Jefferson, New York: Com- Port Harbor, pleting improvement, eight thousand dollars.

Improving harbor at Pultneyville, New York: Continu-Pultneyville

ing improvement, four thousand dollars.

Improving Sumpawanus Inlet, Long Island, New York, Sumpawanus two thousand dollars.

Improving harbor at Rondout, New York: Repair of Rondout Har-

existing works, two thousand dollars.

Improving Sheepshead Bay, New York: Continuing Sheepshead improvement, three thousand dollars.

Wilson Harbor

Improving harbor at Wilson, New York: Continuing improvement, ten thousand dollars.

Erie Harbor.

Improving harbor at Erie, Pennsylvania: Continuing improvement, twenty thousand dollars.

Ice harbor. Marcushook. Proviso.

Ice-harbor at Marcus Hook, Pennsylvania: Continuing operations, fifteen thousand dollars: Provided, That this sum shall be expended under the plans of the engineers as approved by the Secretary of War.

Delaware Breakwater Harhor.

Proviso

Improving harbor at Delaware Breakwater, Delaware: Beginning the work of closing the "Gap," or opening, between the two works, which admits the northeast gales to the ancherage, one hundred and twenty-five thousand dollars: Provided. That the Secretary of War is hereby authorized to use any unexpended balance remaining of the appropriation made under the act of Congress approved January twenty-third, eighteen hundred and eighty, for the purpose of removing certain wrecks from the harbor at the Delaware Breakwater and the entrance thereto, and in the main ship-channel of the Delaware Bay and River for the purpose of removing any wrecks now or hereafter existing in the said Delaware Bay or Delaware River.

Ice harbor, head of Delaware Bay,

Ice-harbor at the head of Delaware Bay, and for removal of sunken piers in channel back of Reedy Island, Delaware: For commencement of work, twenty-five thousand dollars.

Wilmington Harbor.

Improving harbor at Wilmington, Delaware: Deepening the channel and improving Christiana River from the Delaware River to Wilmington, fifty thousand dollars.

Baltimore Harbor.

Improving harbor at Baltimore, Maryland: Continuing operations for shortening and deepening the channel to twenty-seven feet at mean low water, four hundred and fifty thousand dollars.

Вау Breton Harbor.

Improving harbor at Breton Bay, Leonardtown, Maryland: Continuing improvement, five thousand dollars.

Harbor, en-trance to St. Jeromes Creek.

Improving harbor at entrance of Saint Jerome's Creek. Maryland: Continuing operations five thousand dollars.

For surveys of ship canal to conand Delaware bays, etc.

That the sum of ten thousand dollars or so much thereof nect Chesapeake as may be necessary, be, and the same is hereby, appropriated, to be expended under the direction of the Secretary of War, in completing the surveys of a ship canal to connect the Chesapeake and Delaware Bays; and the Secretary of War is hereby directed to report to Congress which of the various routes surveyed will afford the greatest protection in case of war and the greatest facilities to commerce by cheapening the cost of transportation from the city of Baltimore to the Atlantic Ocean together with the cost of said improvement and its approaches, and the annual cost of maintaining and operating said canal when constructed. *Provided*, That nothing herein shall be construed to commit the Government to proceed with the

Proviso.

survey, with construction of the said improvement. The Secretary of improvement, to War is hereby directed, at his discretion, to cause an exbemadebetween amination or survey, or both, and estimates of the cost of City Island and amination proper to be made between City Island and New Rochelle Harbor, New York, and including the chan

nel around Glen Island, the expense of such survey to be paid out of the amount appropriated in this act for examinations and surveys.

Improving harbor at Norfolk, Virginia: Continuing improvement of the harbor and its approaches, seventy-five

thousand dollars.

Improving harbor at Charleston (including Sullivan's Charleston Island), South Carolina: Continuing improvement, three hundred thousand dollars.

Improving harbor at Brunswick, Georgia: Continuing Harbor.

improvement, twenty-five thousand dollars.

Improving Cumberland Sound, Georgia and Florida: Cumberland

Continuing improvement, fifty thousand dollars.

Improving harbor of Savannah, Georgia: Continuing im- Savannah Harprovement of the harbor and river, two hundred thousand

dollars.

Improving Apalachicola Bay, Florida: Continuing im- Apalachicola provement, twenty-five thousand dollars.

Improving harbor at Pensacola, Florida: Continuing im- Pensacola

provement, fifty thousand dollars.

Improving Tampa Bay, Florida: Continuing improve- Tampa Bay.

ment, twenty thousand dollars.

Improving harbor and river of Mobile, Alabama: Con-and River. tinuing improvement, one hundred and twenty-five thousand dollars.

Improving Aransas Pass and Bay, Texas: Continuing Aransas Pass improvement up to Rockport and Corpus Christi, one hun-

dred thousand dollars.

Improving harbor at Brazos Santiago, Texas: Continu-Brazos Santiago improvement of the bar and harbor, sixty thousand dollars.

Improving harbor at Galveston, Texas; Continuing op- Galveston Harerations at outer bar, three hundred thousand dollars.

Improving Passo Cavallo, Texas: Improving Passo Ca-Passo Cavallo

vallo Inlet into Matagorda Bay, sixty thousand dollars.

Improving Sabine Pass, Texas: Continuing improvement at Sabine Pass and Blue Buck Bar, one hundred and fifty

thousand dollars.
Improving harbor at Ashtabula, Ohio: Continuing opera- Ashtabula tions to secure a sixteen-foot channel, twenty thousand

dollars.
Improving harbor at Black River, Ohio: Continuing im- (Lorain).

provement, seven thousand dollars.

Improving harbor at Cleveland, Ohio: Continuing im- Cleveland Harbor.

provement, one hundred and seventy-five thousand dollars.

Harbor of refuge near Cincinnati, Ohio: Continuing Harbor of refuge near Cincinnati, operations, sixteen thousand dollars.

Improving harbor at Fairport, Ohio: Continuing opera- Fairport Hartions, ten thousand dollars.

Improving harbor at Huron, Ohio: Continuing operations two thousand five hundred dollars.

Ice harbor at mouth of Muskingum River, Ohio: Con-Muskingum River, inuing operations, forty thousand dollars.

Port Clinton Improving harbor at Port Clinton, Ohio: Continuing improvement, six thousand dollars.

Sandusky Harbor. Improving harbor at Sandusky City, Ohio: Continuing improvement ten thousand dollars.

Toledo Harbor. Improving harbor at Toledo, Ohio, Continuing improvement, fifty thousand dollars.

Wermilion Improving harbor at Vermillion, Ohio: Continuing improvement, three thousand dollars.

Michigan City Improving harbor at Michigan City, Indiana: Continuing operations at inner harbor, twenty thousand dollars; continuing operations at outside harbor, sixty thousand dollars.

Calumet Har-Improving harbor at Calumet, Illinois: Continuing imbor. provement, thirty-five thousand dollars: Provided. That with a view to the improvement of the Calumet River, in the State of Illinois, from its mouth to the Fork at Calumet Lake, the Secretary of War shall appoint a board of engineers who shall examine said river and report upon the practicability and the best method of perfecting and maintaining a channel for through navigation to said Fork at Lake Calumet, adapted to the passage of the largest vessels navigating the Northern and Northwestern Lakes, limitating [sic] and locating the lines of channel to be improved by the United States, and of docks that may be constructed by private individuals, corporations, or other parties, and clearly defining the same under the direction of the Chief of Engineers, United States Army; and the Secretary of War shall report to Congress the result of said examination, and the estimated cost of the proposed improvement; also what legislation, if any, is necessary, to prevent encroachments being made or maintained within the limits of

the channel designated as above provided for.

Chicago HarImproving harbor at Chicago, Illinois: Continuing operations at outside harbor, dredging in outer harbor, and constructing exterior breakwater, two hundred thousand dollars.

Waukegan, Illinois: Continuing improvement, twenty thousand dollars.

Quincy Bay. Improving Quincy Bay, Illinois: Continuing improvement, fifteen thousand dollars.

Au Sable Har- Improving harbor at Au Sable, Michigan: Continuing improvement, five thousand dollars.

Ice harbor of refuge, Belle River, Michigan: Continuing operations for removing bars, five thousand dollars.

(Holland). Improving harbor at Black Lake, Michigan: Continuing operations, ten thousand dollars.

Charlevoix Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, ten thousand dollars.

Cheboygan Improving harbor at Cheboygan, Michigan: Continuing improvement, ten thousand dollars.

Improving harbor at Frankfort, Michigan: Continuing improvement, fifteen thousand dollars.

Improving harbor at Grand Haven, Michigan: Continu-Grand Haven ing improvement, forty thousand dollars.

Harbor of refuge at Grand Marais, Michigan: Continu- Grand Marais harbor of refuge.

ing operations, forty thousand dollars.

Harbor of refuge at Lake Huron, Michigan: Continuing Sand beach. operations, seventy-five thousand dollars, of which twentyfive thousand dollars, or so much thereof as may be necessary may be used in dredging the bar in the middle of the harbor.

Improving harbor at Ludington, Michigan: Continuing Ludington

improvement, twelve thousand dollars.

Improving harbor at Manistee, Michigan: Continuing Manistee Har-

improvement, fifteen thousand dollars.

Improving harbor at Monroe, Michigan: Continuing im-Monroe Harprovement, one thousand dollars.

Improving harbor at Muskegon, Michigan: Continuing Muskegon Har-

improvement, twenty-five thousand dollars.

Improving harbor at Marquette, Michigan: Repair of Marquette Har-

existing works, sixteen thousand dollars.

Improving harbor at Ontonagon, Michigan: Continuing Ontonagon improvement, twenty thousand dollars.

Improving harbor at Pent Water, Michigan: Continuing Pentwater Har-

improvement, ten thousand dollars.

Improving mouth and harbor of Cedar River, Michigan: Cedar Harbor,

Continuing improvement, fifteen thousand dollars.

Harbor of refuge at Portage Lake, Michigan: Continu-Portage Lake ing improvement, twenty-five thousand dollars.

Improving harbor at Saint Joseph, Michigan: Continu-St. Joseph Hairing improvement of river and harbor at Saint Joseph, and of channel leading up to and including Benton Harbor, Benton Harbor. twelve thousand dollars.

Improving harbor at Saugatuck, Michigan: Continuing Saugatuck Har-

improvement, eight thousand dollars.

Improving harbor at South Haven, Michigan: Continu- South Harbor. ing improvement, seven thousand dollars. And three thousand dollars for removing obstructions in and dredg-

ing channel of river to railroad bridge.

Improving harbor at Thunder Bay, Michigan: Continu- Thunder Bay ing improvement by dredging channel one hundred and fifty feet wide to depth of fourteen feet, fifteen thousand dollars.

Improving harbor at White River, Michigan: Continu- White River

ing improvement, twelve thousand dollars.

Improving harbor at Ahnapee, Wisconsin: Continuing Ahnapee Har-

improvement, twelve thousand dollars.

Improving harbor at Green Bay, Wisconsin: Continu-Green Harbor. ing improvement, twenty thousand dollars.

Improving harbor at Kenosha, Wisconsin: Continuing Kenosha Har-

improvement six thousand dollars

Improving harbor at Kewaunee, Wisconsin: Continuing Kewaunee improvement, twelve thousand dollars

Improving harbor at Manitowoc, Wisconsin: Continu-Manitowoc ing improvement, ten thousand dollars.

Improving harbor at Menomonee, Wisconsin: Continu-Manaminee Harbor ing improvement, fifteen thousand dollars.

Milwaukee Improving harbor at Milwaukee, Wisconsin: Continu-Harbor. ing improvement; ten thousand dollars.

Milwaukee Harbor of refuge at Milwaukee Bay, Wisconsin: Con-Bay harbor of tinuing improvement, one hundred thousand dollars. refuge.

Improving harbor at Oconto, Wisconsin: Continuing Oconto Har-

improvement, fifteen thousand dollars. Port Washing-

Improving harbor at Port Washington, Wisconsin: ton Harbor... Continuing improvement, seventeen thousand dollars.

Improving harbor at Racine, Wisconsin: Continuing Racine Harhor. improvement, seven thousand dollars.

Dredging Superior Bay, Wisconsin: Continuing opera-Superior Bay. tions forty thousand dollars.

Improving harbor at Sheboygan, Wisconsin: Continu-Shebovgan Harbor.

ing improvement, thirty thousand dollars. Improving harbor of refuge at entrance of Sturgeon Sturgeon Bay harbor of refuge. Bay, Canal. Wisconsin: Continuing improvement, twenty

thousand dollars. Two Rivers Improving harbor at Two Rivers, Wisconsin: Continuing Harbor. improvement, fifteen thousand dollars.

Muscatine Improving harbor at Muscatine, Iowa; Continuing im-Harbor. provement, two thousand five hundred dollars.

Duluth Har-Improving harbor at Duluth, Minnesota: Continuing imhor. provement, forty-five thousand dollars.

Grand Marais Improving harbor at Grand Marais, Minnesota: Contin-Harbor. uing improvement, twenty thousand dollars.

Humboldt Improving Humboldt Harbor and Bay, California: Con-Harbor and Bay. tinuing improvement, forty thousand dollars.

Oakland Har-Improving harbor at Oakland, California: Continuing improvement two hundred thousand dollars.

Wilmington Improving harbor at Wilmington, California: Continu-Harbor, Cal. ing improvement, one hundred thousand dollars, of which a sum not exceeding ten thousand dollars, shall be applied for the survey of the harbor at Santa Monica.

Improving entrance to Coos Bay and Harbor, Oregon: Coos Bay and Harbor. Continuing improvement, thirty thousand dollars.
Improving entrance to Yaquina Bay, Oregon: Continu-

Yaquina Bay. ing improvement, sixty thousand dollars.

Cathance Riv-Improving Cathance River, Maine: Continuing improveer. ment, five thousand dollars.

Improving Lubec Channel, Maine: Continuing improve-Chan-Lubec nel. ment, twenty thousand dollars.

Improving Moosabec Bar at Jonesport, Maine: Continu-Moosabec bar.

ing improvement, ten thousand dollars. Improving Lamprey River, New Hampshire: Continu-Lamprey River.

ing improvement, ten thousand dollars. Improving Otter Creek, Vermont: Continuing improve-Otter Creek.

ment, two thousand dollars Merrimac Riv-

Improving Merrimac River, Massachusetts: Continuing improvement, nine thousand dollars.

Improving Taunton River, Massachusetts: Continuing Taunton River. improvement, twenty-five thousand dollars.

For construction of a harbor of refuge at Woods Holl, Construction of refuge Massachusetts, fifty-two thousand dollars. at Woods Hole.

Improving Providence River and Narragansett Bay, Providence Rhode Island: Continuing improvement, one hundred and gansett Bay.

twenty-five thousand dollars.

Improving Connecticut River, Connecticut: Continuing Connecticut improvement below Hartford, forty five thousand dollars, nel of Salmon five thousand dollars of which for the improvement of the River. channel of Salmon River.

Improving Housatonic River, Connecticut: Continuing River, Rousatonic

improvement, two thousand dollars.
Improving Thames River, Connecticut: Continuing im-Thames River.

provement, thirty-five thousand dollars.

Improving channel between Staten Island and New Jersey at Elizabethport: Continuing improvement, forty thousand dollars.

Channel between Staten Island and New Jersey at Elizabethport.

Removing obstructions in East River and Hell Gate, New Removing obstructions, East York: Continuing operations, two hundred thousand dol-River and Hell

Improving Hudson River, New York: Continuing im- Hudson River. provement, ten thousand dollars.

Improving Niagara River, New York: Continuing im- Niagara River.

provement, one thousand five hundred dollars.

Improving Newtown Creek, New York: Continuing im-Newtown provement, fifteen thousand dollars.

Improving Ticonderoga River, New York: Continuing Ticonderoga

improvement, five thousand dollars

Improvement Cheesequake's Creek, New Jersey: Con-Cheesequake tinuing improvement, fifteen thousand dollars.

Improving Elizabeth River, New Jersey: Continuing Elizabeth

improvement, eight thousand dollars.

Improving Mattawan Creek, New Jersey: Continuing Matawan

improvement, six thousand dollars.
Improving Manasquan River, New Jersey: Continuing Manasquan River.

improvement, seven thousand dollars.

Improving Passaic River, New Jersey: Improvement Passaic River. above Newark, seven thousand dollars; from Pennsylvania Railroad Bridge to mouth of river, forty-three thousand dollars.

Improving Rahway River, New Jersey: Continuing im- Rahway River.

provement, seven thousand dollars.

Improving Rancocas River, New Jersey: Continuing Rancocas Riversity

improvement, ten thousand dollars.

Improving Raritan River, New Jersey: Continuing im- Raritan River. provement, twenty-five thousand dollars, of which sum ten thousand dollars shall be expended on the south channel between Crab Island and Karney's Dock.

Improving Raritan Bay, New Jersey, from Perth Amboy Raritan Bay.

and South Amboy to the main ship-channel off Great Kill,

fifty thousand dollars. Improving Cohansey Creek, New Jersey, five thousand Creek.

Improving Salem River, New Jersey: Continuing im- Salem River.

provement, one thousand five hundred dollars.

Shrewsbury River and South South Shrewsbury River, New Jersey: Continuing Shrewsbury Riv- improvement, thirty thousand dollars, of which sum fifteen thousand dollars for the South Shrewsbury River and fifteen thousand for the north and main branch of the Shrewsbury River.

Improving South River, New Jersey: Continuing im-South River provement, ten thousand dollars.

Improving Woodbridge Creek, New Jersey: Continuing Woodbridge Creek.

improvement, five thousand dollars. Allegheny

Improving Allegheny River, Pennsylvania: Continuing River. improvement, fifteen thousand dollars. Improving Chester Creek, Pennsylvania: Continuing im-Chester Creek.

provement, three thousand dollars.

Schuylkill Improving Schuvlkill River, Pennsylvania: Continuing River. improvement, twenty-five thousand dollars.

Delaware Improving Delaware River between Trenton, New Jer-River. sev. and Bridesburgh. Pennsylvania: Continuing improve-

ment ten thousand dollars.

Improving Delaware River below Bridesburgh, Pennsylvania; Continuing improvement, one hundred and thirtysix thousand dollars, of which sum eleven thousand dollars for improvement of Smith's Island Bar.

Improving Delaware River at Schooner Ledge, Pennsylvania and Delaware: Continuing improvement, forty thou-

sand dollars.

Improving Delaware River near Cherry Island Flats, Pennsylvania and Delaware: Continuing improvement, one hundred thousand dollars.

Broad Creek River.

Improving Broad Creek [Broad Creek River], Delaware: Continuing improvement from its mouth to Laurel, five thousand dollars.

Indian River. Improving Indian River, in the State of Delaware, ten thousand dollars.

Broadkill Improving Broadkiln River, Delaware: Continuing im-River.

provement, five thousand dollars. Smyrna River. Improving Duck Creek [Smyrna River], Delaware: Con-

tinuing improvement at its mouth, two thousand dollars. Improving Mispillion Creek, Delaware: Continuing im-Mispillion Creek.

provement, three thousand dollars.

Pier, Delaware Constructing pier in Delaware Bay near Lewes. Delaware: Bay, near Lewes. Continuing construction, thirteen thousand dollars.

Chester River. Improving Chester River, Maryland: Continuing improvement from Spry's Landing to Crumpton, six thousand five hundred dollars.

Improving Choptank River, Maryland: Continuing im-Choptank River. provement between Denton and Greensborough, five thousand dollars

Water passage Improving upper water-passage of the between Deal's Island and the main-land on Darnes Quarter, land (Upper Maryland, five thousand dollars; and the unexpended balmanness of the supper Maryland, is appropriated to the upper ance of lower thoroughfare is appropriated to the upper passage or thoroughfare.

Improving the Potomac River in the vicinity of Wash-Potomac River and flats, near ington with reference to the improvement of navigation.

New River.

Staunton River.

the establishment of harbor lines, and the raising of the flats, under the direction of the Secretary of War, and in accordance with the plan and report made in compliance with the river and harbor act approved March third eighteen hundred and eighty-one, and the reports of the board of engineers made in compliance with the resolution of the Senate of December thirteenth, eighteen hundred and eighty-one, four hundred thousand dollars.

And it is hereby made the duty of the Attorney-General eral to examine to examine all claims of the title to the premises to be im-all claims to title proved under this appropriation, and see that the rights of improved, etc. the government in all respects are secured and protected; and if he deems it necessary he is authorized to cause a suit or suits in law or in equity to be instituted, in the name of the United States, in the supreme court of the District of Columbia, against any and all claimants of title under any patent which in his opinion was by mistake or was improperly or illegally issued for any part of the marshes or flats within the limits of the proposed improvement.

Improving Archer's Hope River, Virginia: Continuing Archers Hope

improvement, five thousand dollars.

Improving Black Water River, Virginia: For comple-River.

tion of improvement, one thousand five hundred dollars.

Improving Chickahominy River, Virginia: Continuing Chickahoming River.

improvement, five thousand dollars.

Improving James River, Virginia: Continuing improve- James River.

ment, seventy-five thousand dollars.

Improving New River, Virginia and West Virginia: Continuing improvement from mouth of Wilson, in Grayson County, to mouth of Greenbrier River, twelve thousand dollars, of which sum five thousand dollars shall be expended between the lead mines in Wythe County and the mouth of Wilson, in Grayson County.

Improving Nomini Creek, Virginia: Continuing im- Nomini Creek.

provement, two thousand dollars.

Improving Pamunkey River, Virginia: Continuing im- Pamunkey

provement, two thousand five hundred dollars.

Improving Rappahannock River, Virginia: Continuing Rappahannock

improvement, seventeen thousand dollars.

Improving Staunton River, Virginia: Continuing improvement, seven thousand dollars, of which five thousand dollars to be expended between Roanoke Station and Brook Neal, and two thousand dollars to be expended between Brook Neal, in Campbell County, and the mouth of Pig River, in Franklin County, Virginia.

Improving Totusky River, Virginia: Continuing im- Totuskey Riv-

provement, five thousand dollars.

Improving Urbana Creek, Virginia: Continuing im- Urbana Creek.

provement, four thousand dollars.

Improving York River, Virginia: Continuing improvement, twenty-five thousand dollars.

Dan River

Improving Dan River, Virginia and North Carolina: Continuing improvement, seven thousand five hundred dollars.

North Landing Improving North Landing River, Virginia and North Carolina: Continuing improvement, eight thousand dollars.

Elk River. Improving Elk River, West Virginia: Continuing improvement two thousand dollars.

Kanawha River, West Virginia: Continuing improvement and operation of works, two hundred thousand dollars.

Little Kana Continuing the improvement of the Little Kanawha River, in West Virginia: To complete lock and dam, as estimated for by engineers, thirty-one thousand dollars:

Provise.

Provided, That no part of this amount shall be expended until the Little Kanawha Improvement Company shall have filed with the Secretary of War, to be approved by him, its agreement not to charge, in any manner, any tolls on the Little Kanawha river.

Guyandot Riv- Improving Guyandotte River, West Virginia: Continu-

ing improvement, two thousand dollars.

Cape Fear Improving Cape Fear River from the Ocean to Wilmington, North Carolina; Continuing improvement, two hundred and twenty-five thousand dollars.

Improving Cape Fear River from Wilmington to Fay-

etteville, North Carolina, thirty thousand dollars.

Contentnia Improving Contentnia Creek, North Carolina: Continu-

ing improvement, ten thousand dollars.

Yadkin River. Improving Yadkin River, North Carolina, twenty-five thousand dollars.

Currituck Improving Currituck Sound and North River Bar, North River Bar, and Carolina: Continuing improvement, including Coanjok Coanjock Bay. Bay, twenty thousand dollars.

Beaufort Harbor.

Improving Beaufort Harbor, North Carolina: Continuing improvement, thirty thousand dollars, five thousand dollars of which shall be applied to the improvement of the line of inland navigation from Beaufort Harbor to New Berne.

River. Broad Improving French Broad River, North Carolina: Continuing improvement from Smith's bridge up, five thousand dollars.

New River. Improving New River, North Carolina, five thousand dollars.

Lillington River, North Carolina: Continuing improvement, three thousand dollars.

Meherin Rive Improving Meherin River, North Carolina, five thousand dollars.

Improving Neuse River, North Carolina: Continuing improvement, thirty-five thousand dollars, five thousand dollars of which shall be applied to the improvement of the line of inland navigation from New Berne to Beaufort Harbor.

Roanoke River. Improving Roanoke River, North Carolina, five thousand dollars.

Improving Pamplico and Tar Rivers, North Carolina: Pamlico and Continuing improvement, ten thousand dollars.

Improving Trent River, North Carolina: Continuing im
Trent River.

provement, ten thousand dollars.

Improving Waccemaw River, North Carolina and South Waccamaw Carolina: Continuing improvement four thousand four hundred dollars.

Improving Great Pedee River, South Carolina: Continu-Great River,

ing improvement, six thousand dollars.

Improving Santee River, South Carolina: Continuing Santee River.

improvement, twenty thousand dollars.
Improving Wappoo Cut, South Carolina: Continuing Wappoo Cut.

improvement ten thousand dollars.

Improving Wateree River, South Carolina: Continuing Wateree River.

improvement, fifteen thousand dollars.

Improving Altamaha River, Georgia: Continuing im-Altamaha provement, fifteen thousand dollars.

Improving Chattahoochee River, Georgia: Continuing Chattahoochee

improvement, twenty-five thousand dollars.

Improving Coosa River, Georgia and Alabama: Continuing improvement, seventy-five thousand dollars; and the sum of eight thousand seven hundred dollars heretofore appropriated for the Etowa River is hereby transferred to the Coosa River below Rome, Georgia.

Improving Flint River, Georgia: Continuing improvement, twenty-five thousand dollars, of which sum fifteen thousand dollars shall be expended below Albany and ten

thousand dollars from Albany to Montezuma.

Improving Ockmulgee River, Georgia: Continuing im-River.

provement, five thousand dollars.

Improving Oconee River, Georgia: Continuing improvement five thousand dollars, of which sum three thousand dollars shall be expended on Car Shoals.

Car shoals.

Oconee River.

Coosa River.

Flint River.

Improving Oostenaula and Coosawattee Rivers, Georgia: Oostenaula and Coosawattee Continuing improvement, one thousand dollars.

Improving Savannah River, Georgia: Continuing im- Savannah provement between cities of Augusta and Savannah, twentyfive thousand dollars.

Improving the Savannah River about the city of Augusta:

To continue improvement, fifteen thousand dollars.

Improving Apalachicola River, Florida: Continuing im-Apalachicola

provement, two thousand dollars.

Improving Peas [Peace] Creek, Florida: Continuing im- Peace Creek.

provement, four thousand dollars:

Improving Saint John's River, Florida: Continuing im- St. River, provement, one hundred and fifty thousand dollars, and twenty thousand dollars of this amount may be used on the river above the mouth, if the Chief of Engineers shall consider it best for the interests of commerce.

Improving Suwanee River, Florida: Continuing im- SuwaneeRiver.

provement five thousand dollars.

Improving Volusia Bar, Florida: Continuing improve- Volusia bar. ment, five thousand dollars

Choctawhatchee River.

Improving Choctawhatchee River, Florida and Alabama: Continuing improvement up to Newton, Alabama, twenty thousand dollars. That twelve thousand dollars of this amount shall be expended for the improvement of the river above Geneva to Newton, Alabama, and two thou-

Lagrange sand dollars of the balance for the improvement of La Bayou. Grange Bayou from its mouth up to the town of Freeport, Florida.

Escambia and Conecuh rivers.

Improving Escambia and Conecuh Rivers, Florida and Alabama: Continuing improvement, twelve thousand dollars.

Improving Alabama River, Alabama: Continuing im-Alabama River.

provement, twenty thousand dollars.

Improving Warrior and Tombigbee Rivers, Alabama Warrior and Tombigbee and Mississippi: Continuing improvement, thirty thourivers. sand dollars, of which sum ten thousand dollars to be applied to the Warrior below Tuscaloosa, seven thousand five hundred dollars to the Tombigbee between Columbus and Vienna, seven thousand five hundred dollars to the Tombigbee between Vienna and Demopolis, and five thousand dollars below Demopolis.

Improving Big Sunflower River, Mississippi: Continu-Big Sunflow-er River.

ing improvement, five thousand dollars.

Improving Noxubee River, Mississippi: Continuing Noxubee River. improvement, ten thousand dollars.

Improving Pascagoula River, Mississippi: Continuing Pascagoula River.

improvement, eight thousand dollars.

Improving Pearl River, Mississippi: Continuing im-Pearl River. provement from Jackson to Carthage, two thousand five hundred dollars.

For improving the roadstead which leads into the Back Roadstead into Back Bay of Biloxi. Bay of Biloxi, on the Mississippi Sound, according to survey and estimate made, five thousand dollars.

Improving Pearl River below Jackson, Mississippi: Pearl River.

Continuing improvement, fifteen thousand dollars.

Tallahatchie Improving Tallahatchee River above mouth of the River. Coldwater, Mississippi: Continuing improvement, three thousand dollars.

Improving Tchula Lake, Mississippi: Continuing im-Tchula Lake. provement, two thousand five hundred dollars.

Improving Tombigbee River, Mississippi: Continuing Tombigbee River. improvement above Columbus, one thousand dollars.

Improving Yallabusha River, Mississippi: Continuing Yalobusha River. improvement, three thousand five hundred dollars.

Împroving Yazoo River, Mississippi: Continuing im-Yazoo River. provement, eight thousand dollars.

Improving Bayou Bartholomew, Louisiana and Arkan-Bayou tholomew. sas: Continuing improvement, five thousand dollars.

Improving Bayou Black [a] up to Houma, Louisiana: Bayou Black. Continuing improvement, ten thousand dollars

a Discharges into Bayou Bouf, which latter empties into Berwick Bay (an enlargement of Atchafalaya River) at Morgan City.

Red River.

Neches River.

Sabine River.

Improving Bouf River, Louisiana: Continuing im- Bouf River. provement, five thousand dollars.

Improving Bayou Terre Bonne up to Houma, Loui-Bayou Terresiana: Continuing improvement, seven thousand dollars.

Improving Calcasieu Pass, Louisiana: Continuing im- Calcasieu provement, three thousand dollars.

Improving Calcasieu River, Louisiana: Continuing im- Calcasieu

provement, seven thousand dollars.

Improving Red River, Louisiana: Continuing improvement from the Atchafalaya to Fulton, Arkansas, including Bayou Pierre, Tone's Bayou, and to relieve the town of Alexandria from the encroachments of the river, seventy-five thousand dollars.

Improving Tchefuncte River and Bogue Falia, Loui-Chefuncte siana: Continuing improvement, one thousand five hun-Bogue Falia.

dred dollars.

Improving Tickfaw River, Louisiana: Continuing im- Tickfaw provement, two thousand dollars.

Improving mouth of Brazos River, Texas: Continuing Mouth of Brazos River.

improvement, fifty thousand dollars.

Improving Buffalo Bayou, Texas: Continuing im- ou. Buffalo Bay-

provement, fifty thousand dollars.

Protection of river bank at Fort Brown, Texas, one river bank, thousand dollars.

Improving ship-channel in Galveston Bay, Texas: To Ship chancomplete improvement, ninety-four thousand five hun-Bay. dred dollars.

Improving Neches River, Texas: Continuing improve-

ment, five thousand dollars.

Improving Sabine River, Texas: Continuing improvement of Narrows above Orange, and deepening channel at mouth of river, four thousand dollars.

Improving Trinity River, Texas: Continuing improve- Trinity River.

ment, eight thousand dollars

Improving Arkansas River, Arkansas: Continuing im- Arkansas

provement at Pine Bluff, twenty thousand dollars.

Improving Arkansas River, Arkansas and Kansas: Continuing improvement between Fort Smith and Wachita [Wichita], twenty thousand dollars.

Improving Black River, Arkansas and Missouri: Con-Black River.

tinuing improvement, ten thousand dollars.

Improving Fourche Le Fevre River, Arkansas: Con-Fourche Le tinuing improvement, four thousand dollars.

Improving Ouachita River, Arkansas and Louisiana: Ouachita

Continuing improvement, twelve thousand dollars.

Improving Saline River [a], Arkansas: Continuing im-

provement, four thousand dollars

Improving White River between Jacksonport and Buffalo Shoals, Arkansas: Continuing improvement, six

thousand dollars.
Improving White and Saint Francis Rivers, Arkansas: White and Continuing improvement, twelve thousand dollars.

Hatchee River, Tennessee: Continuing improvement, three thousand dollars.

Caney Fork Improving Caney Fork River, Tennessee; Continuing

improvement, four thousand dollars.

Obey River. For continuing to completion the work on Obey's River, in Tennessee, a tributary of the Cumberland, five thousand dollars.

Clinch River. Improving Clinch River, Tennessee: Continuing im-

provement, three thousand dollars.

Cumberland Improving Cumberland River above Nashville, Tennessee: Continuing improvement above Nashville, Tennessee, thirty thousand dollars.

For continuing the improvement of the Cumberland River at Smith's Shoals, Kentucky, fifteen thousand dol-

lars.

Improving Cumberland River below Nashville, Tennessee; Continuing improvement, fifteen thousand dollars.

vol. 26, p. Improving Cumberland River above mouth of the Jel445.
Post, p. 571, lico, Kentucky: Continuing improvement, five thousand dollars.

South Fork of Cumberland River, Kenof Cumberland River, Kentucky, three thousand dollars.

Duck River. Improving Duck River, Tennessee: Continuing im-

provement, three thousand dollars.

French Broad Improving French Broad River, Tennessee: Continuing improvement, five thousand dollars.

Hiwassee Improving Hiawassee River, Tennessee: Continuing

improvement, one thousand five hundred dollars.

Improving Tennessee River above Chattanooga, Tennessee: Continuing improvement, seven thousand dollars.

Improving Tennessee River below Chattanooga, Tennessee

nessee and Alabama: Continuing improvements below Chattanooga, including Muscle Shoals and Shoal at Reynoldsburgh, two hundred and fifty thousand dollars.

River. Big Sandy Improving Big Sandy River, Kentucky, twenty-five thousand dollars, of which sum five thousand dollars for the improvement of Louisa Fork and five thousand dol-

lars for the improvement of Tug Fork.

Rentucky Improving Kentucky River, Kentucky: Continuing improvement from mouth of river to Three Forks, two hundred and twenty-five thousand dollars of which sum seventy-five thousand dollars shall be used for the erection of a lock and movable dam at Beatysville, at junction of Three Forks.

Tradewater Improving Treadwater [Tradewater] River, Kentucky: Continuing improvement, three thousand five hundred dollars.

Ohlo River. Improving Ohio River: Continuing improvement, three hundred and fifty thousand dollars.

River. Sandusky River, Ohio: Continuing improvement, four thousand dollars.

Clinton River, Michigan: Continuing improvement, six thousand dollars.

Improving Detroit River, Michigan: Continuing im- Detroit provement, sixty thousand dollars.

Improving Grand River, Michigan, Continuing im- Grand River. provement from mouth of river to city of Grand Rapids,

fifteen thousand dollars.

Improving Saginaw River, Michigan: Continuing im- Saginaw provement, one hundred and twenty-five thousand dolfars, of which sum sixty thousand dollars to be used opposite Bay City and for deepening the channel from the river into the bay, and sixty-five thousand dollars for improving the river above Bay City.

Improving Chippewa River, Wisconsin: Continuing Chippewa aprovement, thirty-five thousand dollars: Provided, Proviso. improvement, thirty-five thousand dollars: Provided, That nothing shall be done nor shall any improvement be

made on the said Chippewa River under or in pursuance of this act, or the appropriation hereby made, which shall directly or indirectly prevent, interfere with, or obstruct the free navigation of the said river, as heretofore, by steamboats or other water-craft, or the free use thereof. as heretofore, for the floating, guiding, or sheering of loose logs or rafts of lumber or logs upon or down the same, or which shall directly or indirectly prevent, obstruct, or interfere with the use of any slough, arm, or branch of said river, as heretofore, for the holding, as-

sorting or rafting of logs therein.

Improving Fox and Wisconsin Rivers, Wisconsin: Fox and Wisconsin rivers, Continuing improvement, two hundred thousand dollars: Provided, That the Secretary of War shall, without delay, cause the channel of the Lower Fox River between Lake Winnebago and the upper government dam at Appleton to be restored to its natural width and capacity, and shall cause such changes and alterations to be made in the dams at Menasha and Appleton, not inconsistent with security to navigation, as may be necessary to reduce to and maintain the waters of Lake Winnebago and Little Buttes des Mortes, respectively, at their natural height; and a sufficient amount of said sum appropriated is made immediately available. And three thousand dollars of this appropriation, or so much thereof as may be necessary, may be expended above Portage City, to prevent the overflow of the Wisconsin River into the Upper Fox River, so as to prevent injury to the government works on Fox River; and this expenditure may be made separately, or, if deemed more economical by the Secretary of War, in adding to any protecting works which may be made by the State of Wisconsin.

Improving Saint Croix River below Taylor Falls, st. Minnesota and Wisconsin: Continuing improvement St. Croix

thirty thousand dollars.

Improving Wabash River, Indiana and Illinois: Continuing improvement below Vincennes, forty thousand dollars; continuing improvement between Vincennes and Lafayette, thirty thousand dollars.

Fox and Wis-

Proviso.

Wabash

Improving White River, Indiana: Continuing improvement from Wabash River to Portersville, and to falls on West Fork, twenty thousand dollars.

Improving Illinois River, Illinois: Continuing improvement, one hundred and seventy-five thousand dol-

Reservoirs at

Proviso.

Reservoirs at headwaters of Mississippi River: Conheadwaters of Mississippi tinuing operations, three hundred thousand dollars; and this sum shall be expended at such places on said headwaters of the Mississippi River and its tributaries as the Secretary of War shall determine: Provided. That the Secretary of War be, and he is hereby authorized and empowered to enter upon, purchase, take, and hold any lands or premises, and any materials of stone, timber, or other kinds, that may be necessary and proper for the construction of said works. And in case the owner of such lands, premises, and materials and the Secretary of War can not agree as to the value of the lands, premises, and materials taken or to be taken for said use, then the value thereof shall be determined by the appraisal of three disinterested commissioners who may be appointed upon application by either party to the judge of the United States district court for the district in which such land, premises, or materials may be situate; and said commissioners, in their assessment of damages, shall appraise such lands, premises, and materials at what would have been the value thereof, if said works had not been constructed; and upon return into said United States district court of such appraisement, and upon the payment into the same of the estimated value of said land, premises, and materials so taken and appraised as aforesaid, said land, premises, and materials shall be deemed to be, and shall become, the property of the United States, which shall thereby acquire full title to the same. And either party feeling aggrieved at said appraisement may, within thirty days after the same has been returned into said court, file an appeal therefrom and demand a trial by jury in said court to estimate and ascertain the damages sustained: Provided further, That the money hereby appropriated shall be used solely for the improvement of the navigation of the Mississippi River and its tributaries, and no part thereof shall be expended with the view to the improvement of private property. And the Secretary, of the Interior is hereby authorized and directed to ascertain what, if any, injury is occasioned to the rights of any friendly Indians occupying any Indian reservation by the construction of any of the said dams, or the cutting or removing of trees or other materials from any such reservation for the construction or erection of any of said dams, and to determine the amount of damages payable to such Indians therefor; and all such damages to private property and to friendly Indians, when ascertained and determined in the manner herein directed and pro-

Proviso.

vided, shall be paid by the United States: Provided, however, That such damages shall not exceed ten per centum of the sums hereby appropriated for the construction of said reservoirs.

Improving Upper Mississippi River: Operating snag-Upper Mis

boat, twenty-five thousand dollars.

Improving Mississippi River above Falls of Saint An-Mississippi thony, Minnesota: Continuing improvement, ten thou-falls of St. sand dollars.

Anthony.

Proviso.

Improving Mississippi River from Saint Paul to Des Moines Rapids, Minnesota, Iowa, Missouri, Illinois, and Wisconsin: Continuing improvement, two hundred and fifty thousand dollars, of which sum fifteen thousand dollars shall be expended in improving the channel and banks of the river on the west side thereof at Saint Paul.

That the sum of thirty thousand dollars, or so much Construction thereof as may be necessary, be, and the same is hereby, Des Moines appropriated for the construction of a dry dock at the Rapids Canal. Des Moines Rapids Canal, on the Mississippi River, at such site as may be selected thereon by the Secretary of War: said dry dock to be used for the construction, examination, repairing, and use of boats, dredges, barges, scows, and other vessels of the United States, and the construction, examination, and repair of vessels for private parties, under such regulations and for such compensation as may, from time to time, be fixed and regulated by the Secretary of War; this appropriation to be expended under the direction of the Secretary of War.

That whenever the government shall not further use old lock of the old lock of the Sault Sainte Marie Canal it shall be St. Marys Falls converted into a dry dock for the repair of government ed into dry dock, etc. That whenever the government shall not further use dredges, revenue cutters, and other craft belonging to the government, and for other craft belonging to private persons, on such terms as the Secretary of War shall prescribe; and for the expense of such construction the amount of sixty-five thousand dollars, balance of tolls in the possession of the State of Michigan, and offered to the United States for this purpose, be accepted by the

Improving Des Moines Rapids, Mississippi River, Des Rapids, Rapids. Iowa, and Illinois: Continuing improvement, thirty thousand dollars.

Examinations and surveys at South Pass, Mississippi South Pass, River: To ascertain the depth of water and width of River. channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the

maintenance of the work, ten thousand dollars.

Gauging waters of Lower Mississippi and its tribu- Gauging waters of lower taries, and the Columbia River, Oregon: Annual expense Mississippi and of gauging the waters of the Mississippi River and its tribers. utaries, continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and

seventy-one, five thousand five hundred dollars, of which sum five hundred dollars for annual expense of gauging the waters of the Columbia River from Astoria to the

Mississippi,

Improving Mississippi, Missouri, and Arkansas Rivers: Missouri, and Continuing removal of snags, wrecks, and other obstructions from the Mississippi River, eighty-five thousand dollars; from the Missouri River, sixty-five thousand dollars; from the Arkansas River, thirty-five thousand dollars.

Cuivre River.

Improving Cuivre River, Missouri: Continuing improvement from mouth to Chain of Rocks, and removing snags and other obstructions, five thousand dollars.

Gasconade River.

Improving Gasconade River, Missouri: Continuing

improvement, ten thousand dollars.

Missouri River.

Improving Missouri River from its mouth to Sioux City, Iowa, including such harbors on said river now in the course of improvement as in the judgment of the Chief of Engineers will benefit commerce and navigation, eight hundred and fifty thousand dollars.

Improving Missouri River from Sioux City to Fort

Benton, one hundred thousand dollars.

Survey of Missouri River from its mouth to Fort Benton, Montana: Continuing the survey forty thousand dollars.

Y e llowstone

Goose Rapids.

Improving Yellowstone River, Montana and Dakota: Continuing improvement, twenty thousand dollars.

Red River of the North.

Improving Red River of the North, Minnesota and Dakota: Continuing improvement, ten thousand dollars. Constructing dam at Goose Rapids, Red River of the North, Minnesota and Dakota: Continuing construction

of lock and dam, thirty thousand dollars.

St. Anthonys Falls.

Improving Saint Anthony's Falls, Minnesota: Continuing improvement, twenty-five thousand dollars.

Petaluma

Improving Petaluma Creek, California: Completing improvement, fourteen thousand dollars.

Sacramento

İmproving Sacramento River, California: For the voi. 26, p. improvement and protection of the navigable channels 8. Post, p. 540, of the Sacramento and Feather Rivers, to be expended under the direction of the Secretary of War, two hundred and fifty thousand dollars.

San Joaquin River.

Improving San Joaquin River and Mormon Slough, California: Continuing improvement, forty thousand dollars.

Canal around Cascades of Co-lumbia River.

Constructing canal around Cascades of Columbia River. Oregon: Continuing construction two hundred and sixtyfive thousand dollars.

Upper Colum-bia River.

Improving Upper Columbia River, Oregon: Continuing improvement of Upper Columbia River, including Snake River, six thousand dollars.

Lower Willamette River.

Improving Lower Willamette and Columbia Rivers. Oregon: Continuing improvement from Portland, Oregon, to the sea, including bar at mouth of Columbia River, one hundred thousand dollars.

Improving Upper Willamette River, Oregon: Continu- Upper Willamette River, ing improvement of Upper Willamette, including Yamhill River, five thousand dollars.

Improving Lower Clearwater River, Idaho: Continu- Lower Clearwater River.

ing improvement five thousand dollars.

Improving Cowlitz River, Washington Territory: Con- Co w 11 t z

tinuing improvement, one thousand dollars.

Improving Skagit, Stielaquamish, Nooksack, Snohoskagit, Stilamish, and Snoqualmie Rivers, Washington Territory: To guamish, Nookbuild, equip, and operate snag-boat for one year, twenty sak, and Snoqualmie rivers. thousand dollars.

Improving mouth of Coquille River, Oregon: Exten-River. which sum two thousand dollars for removing snags in

upper river, at discretion of Secretary of War.

Examinations, surveys, and contingencies of rivers and Examinations and Surveys. harbors: Examinations and surveys, and for contingencies, and for incidental repairs of harbors for which there is no special appropriation, one hundred and fifty thousand dollars, of which sum fifty thousand dollars for survevs and one hundred thousand dollars for contingencies. including incidental repairs of harbors.

For expenses of a board of engineers to examine in de-gineers to extail the mouth of the Columbia River, Oregon, and report amine mouth such plan, with estimates, for its permanent improvement, of Columbia River, etc. as they approve, the said board being required to report

before the next session of the present Congress, seven thousand five hundred dollars.

Improving Susquehanna River above and below Havre River. de Grace, Maryland, twenty-five thousand dollars, of which sum seven thousand five hundred dollars shall be expended above the bridge, and five thousand dollars for the completion of the channel to the Fishing Battery Light-House and for strengthening and extending the piers and breakwater for the protection of said channel.

Elk River. Improving Elk River, Maryland: Continuing improve-

ment, six thousand five hundred dollars.

Improving Malden River, Massachusetts, ten thousand Malden River.  $\operatorname{dollars}$ .

Constructing harbors of refuge on Lake Pepin, twenty Harbors of thousand dollars, of which sum ten thousand dollars at Pepin. Stockholm, Wisconsin, and ten thousand dollars at Lake City, Minnesota.

Improving harbor at New Buffalo, Michigan, five thou-New Buffalo

sand dollars.

Improving Appomattox River, Virginia, thirty-five Appomattox thousand dollars.

Construction of ice-harbor at Dubuque, Iowa, twenty Dubuque. Ice harbor at thousand dollars.

Improving Chippewa River at Yellow Banks, thirty Chippewa thousand dollars.

Improving Cocheco River, New Hampshire; complet- Cocheco ing improvement, twenty-eight thousand dollars.

Improving Frankford Creek, Pennsylvania, ten thou- Frankford

sand dollars.

Pensaukee Harbor, Wisconsin, ten thousand dollars.

Royal River. Improving Royal River, Maine, ten thousand dollars.

Mamaroneck Improving Mamaroneck Harbor, New York, fifteen thousand dollars.

Sackett's Improving Sackett's Harbor, New York, seven thousand dollars.

C o r s i c a Improving Corsica Creek, Maryland, five thousand dollars.

Marsh. Romerly Improvement of Romley [Romerly] Marsh, Georgia, by route designated in the survey of engineers as route numbered four, ten thousand dollars.

Grass River. Improving Grass River at Massena, New York, three

thousand dollars.

Edisto River. Improving Edisto River, South Carolina, eight thousand dollars.

Georgetown Harbor, South Carolina, seven thousand dollars.

Cahaba River, Alabama, twenty thousand dollars.

Salkahatchie River, South Carolina, five thousand dollars.

Tallapoosa River, Alabama, fifteen thousand dollars.

Key West Improving Key West Harbor, Florida, especially the northwest channel, twenty-five thousand dollars.

Manatee River, Florida, twelve thousand dollars.

Caloosahatchee River, Florida, five thousand dollars.

Lynn Harbor, Massachusetts, sixty thousand dollars.

Little Tennessee River, Tennessee, five thousand dollars.

White River. Improving White River above Buffalo Shoals, Arkansas, four thousand dollars.

Chehalis River, Washington Territory, three thousand dollars.

Greenport Harbor, New York, ten thousand dollars.

Hay Lake Channel of the Sault Sainte Marie River, via the Middle Neebish, two hundred thousand dollars, of which amount the sum of ten thousand dollars may be expended in improving the East Neebish channel.

Keyport Improving Keyport Harbor, New Jersey, from the Keyport Steamboat Company's Wharf to Raritan Bay Channel, thirty thousand four hundred and seventy-five dollars.

Maurice River, New Jersey, three thousand dollars.

Mantua Creek, New Jersey, three thousand dollars.

Creek. Woodbury Creek, New Jersey, five thousand dollars.

Improving Racoon River, New Jersey, three thousand Raccoon dollars.

Improving North Branch of Susquehanna River, Pennsylvania, fifteen thousand dollars.

N o r t h Branch, Sus-quehana River. Improving Clinton Harbor, Connecticut, three thousand Clinton Hardollars.

Improving South Forked Deer River, Tennessee, three Deer River. thousand dollars.

Improving Old Town Creek, Mississippi, three thousand Creek. dollars

Improving Monongahela River, West Virginia: Contin-Monongahela

uing improvement, twenty-five thousand dollars.

For continuing the practical test of the flume invented A flume by M. J. Adams, the said test to be made under the supervision and direction of said Adams, eight thousand dollars.

That the Secretary of War be, and he is hereby, author- Survey and ized and directed to survey and locate a canal [a] from a Illinois and point on the Illinois River at or near the town of Henne- Canal, from the canal, from the survey and point on the Illinois River at or near the town of Henne- Canal, from the canal, from the survey and the canal, from the canal canal, from the canal pin, by the most practicable and convenient route, to the near Hennepin, Mississippi River at or above the city of Rock Island, River, to Mississippi River at or above the city of Rock Island, River, to Mississippi River at Bock Island and convenient point on Rock River to the most practicable at Rock Island ticable and convenient point on the main line of said canal. Said canal and said branch shall not be less than seventy feet wide at the water-line, and not less than seven feet in depth of water, with locks not less than one hundred and fifty feet in length and twenty-one feet in width, and with a capacity for vessels of at least two hundred and eighty tons burden; and for that purpose the Secretary of War shall have power and authority, by engineers and agents employed by him, to enter upon any lands for the purpose of making the necessary preliminary examinations and surveys; and the cost of construction, the annual cost of maintenance, and economy of use of said canal, when completed, shall be estimated and accompany the said surveys; and the Secretary of War shall cause to be made by skillful engineers of the Army a survey Survey of of the Illinois and Michigan Canal connecting the Illi-Michigan Canal nois River with Lake Michigan at Chicago, and estimates for purpose of enlarging, etc. of the cost of enlarging the same so as to correspond in dimensions with the proposed canal between Hennepin and the Mississippi River, and to report to the next session of Congress the cost of enlarging said canal, and the construction of the canal between Hennepin and the Mississippi River and the right of way therefor; and for the purposes of this paragraph the sum of thirty thousand dollars, or so much thereof as may be necessary, is hereby

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appropriated. Provided that nothing herein shall be con-

strued to commit the government to proceed with the

construction of the said improvement.

Mississippi to Cairo, etc.

Improving Mississippi River: That the sum of four River, from Head of Passes million one hundred and twenty-three thousand dollars be, and is hereby, appropriated, or so much thereof as may be necessary out of any money in the Treasury not otherwise appropriated, for the improvement of the Mississippi River from the Head of the Passes to Cairo including the harbors of New Orleans, Natchez, Vicksburgh, Memphis, a lock at the mouth of Bavou. Plagumine. Louisiana, and the rectification of the Red and the Atchafalava Rivers at the mouth of Red River: six hundred thousand dollars from Cairo to the Illinois River including Alton Harbor on which a sum not exceeding thirty-five thousand dollars shall be expended; and two hundred thousand dollars from the Illinois River to the Des Moines Rapids, including a stone and brush revetment at or near Quincy; which said sums shall be expended by the Secretary of War in accordance with the plans, specifications, estimates, and recommendations of 21 Stat., 37. the Mississippi River Commission created by the act approved June twenty-eighth, eighteen hundred and seventy-nine, or according to such plans, specifications.

and estimates of the Engineer Department of the Army which, having been approved by the Secretary of War,

Provisos.

Levees

may be adopted by the said Mississippi River Commission for such parts of the said river as the said commission may not have completed the survey of: Provided. That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands by overflows: Provided, however, That the commission is authorized to repair and build levees if in their judgment it should be done as a part of their plan to afford ease and safety to the navigation and commerce of the river and to deepen the channel: Provided, That the Secretary of War shall prescribe such rules and regulations as may be necessary to secure a judicious and economical expenditure of said sums, and shall cause to be made and submitted to Congress annual reports, on or before January first, giving detailed statements of the work done, the expenditures made, and the effect of such work, together with such recommendations as he may deem it proper to lay before Congress. It shall be the duty of the Secre-Manner of tary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works, as far as can be without actual detriment to the interest of the government, by contract. Where such works cannot be done by contract without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, be made after such contract shall be made after sufficient public adveradvertisement tisement for proposals, in such manner and form as the

Secretary of War shall prescribe; and such contracts

making i provements.

Proposals. Contracts to

shall be made with the lowest responsible bidders, accom-der, panied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution therefor for labor and material.

That whatever balance there may be on hand for the improvement of the mouth of Red River shall be ex- of mouth of pended by the Secretary of War according to the plans Red River to be expended, and recommendations of the Mississippi River Commis- etc. sion; and they are hereby authorized to expend so much of said balance as may be necessary in purchasing or constructing a dredge boat or boats, and in maintaining a navigable channel through the mouth of the Red River

into the Mississippi River.

to the Mississippi River.

That the power and authority granted to the Secre
197.

Ante, p. 330.

Yol. 26, p. tary of War under and by virtue of section four of the act of Congress approved June fourteenth, eighteen hundred and eighty, relating to wrecks and sunken vessels vol. 30, pp. 583. Vol. 30, pp. be, and the same are hereby, enlarged so that the Secre- 1152, 1154. tary of War may, in his discretion, sell and dispose of any 889, 891. Wrecks and such sunken craft, vessel, or cargo, or property therein, Wrecks and before the raising or removal thereof, according to the may be sold besame regulations that are in the said act prescribed for the removal. sale of the same after the removal thereof: and all laws and parts of laws inconsistent herewith are hereby repealed. 

That no tolls or operating charges whatsoever shall be levied or collected upon any vessel boats, dredges, craft, or other water-craft passing through any canal or other work for the improvement of navigation belonging to the

United States.

That authority is hereby given to the Secretary of War Harbor of to expend the money [b] appropriated by the act approved Orford, Oreg. March third, eighteen hundred and seventy-nine, in the 372 construction of a harbor of refuge at Port Orford, on the Pacific coast, if in his opinion it be deemed judicious to 214.

Pacific coast, 11 III IIIs of the do so.

That the Secretary of War is hereby authorized and Cafferty, D. M. directed to settle the claims of Charles McCafferty and Dull, C. P. D. [M.] and C. P. Dull, contractors for locks numbered of, to be settled, etc.

The settled and seventy-four, and Post, p. 471. eighteen hundred and seventy-five, and subsequently for work done by reason of changes in the contracts and for losses caused by such changes, and by extra work and other losses incurred from such and other causes beyond their control, and report what amount, if any, he finds

Lowest bid-

Balance for

Tolls.

Änte, p. 297. Vol. 29, p.

a This paragraph is amended by section 8 of the river and harbor act approved September 19, 1890, and sections 15, 19, and 20 of the river and harbor act approved March 3, 1899.

b The act of 1879 appropriated \$150,000. By act of June 3, 1896, the unexpended balance was made available for wharf construction at Graveyard Point, Port Orford Harbor.

to be due to said contractors at the next session of Con-

gress.

Appropria-That the unexpended sums heretofore appropriated for bor at St. Louis an ice-harbor at Saint Louis, Missouri, be, and the same transferred and appropriated, to be expended expended for improving under the direction of the Secretary of War, for the imchannel of Mississippi River provement of the channel of the Mississippi River oppopposite St. site the city of Saint Louis, Missouri, by repairing and Louis. raising the present low dam across the channel east of

Arsenal Island, known as Cahokia Chute, and by the con-Cahokia struction of such other works in or near said Cahokia Chute as may be deemed advisable to accomplish the same

Secretary of War to ascertain and That the Secretary of War be, and he is hereby, directed and re- to ascertain and report to the next Congress upon what port as to pur- terms the franchise and property of the Little Kanawha chise, etc.. of Navigation Company, in West Virginia, can be obtained Little Kanawha and conveyed to the United States.

Fxamina.

Chute.

That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper to be made, at the following points, namely:

Youghiogheny River from McKeesport to Connells-

ville, Pennsylvania.

Red River from its mouth to Fulton. Little River and Saline [a], Arkansas.

Alameda Creek, Alameda County, California.

Norwalk Harbor, Connecticut. Harbor at Cedar Keys, Florida.

Connecticut River from Bellows Falls, Vermont, to Pittsburgh, New Hampshire.

Newton Creek, Camden County, New Jersey.

Pensaukin Creek, Camden and Burlington Counties, New Jersey.

Milford Haven (an estuary), Virginia.

Quantico Creek, Virginia.

Piankatank River, Virginia. Sangamon River, Illinois, from its mouth to Petersburgh.

Shoal between Dauphin Island and Cedar Point, Ala-

Gowanus Creek at Brooklyn, New York.

Yallabusha River above Grenada, Mississippi.

Loosacoona River, a tributary of the Yallabusha, Mis-

sissippi.

The channel known as the Old River Bed, leading from Cuyahoga River to the harbor of refuge now under

construction at Cleveland, Ohio.

Atchafalaya River between Berwick's Bay and the Gulf of Mexico; and, if made, to be accompanied with a report showing the cost of deepening the channel of said river.

a Saline Creek, a tributary of Little River.

Erratum, House Doc. No. 425, Fifty-eighth Congress, third session. [To be inserted at page 385 of Volume I.] Fifteenth line above first footnote, for tuxet Harbor, Rhode Island. Pawtucket River, Rhode Island, read Paw-

The channel of the Saint John's River at its entrance into and exit out of Lake Monroe, and between Lake George and Lake Monroe, for straightening and improving the navigation of said river between the said laks [sic] Wetipkin Creek, Maryland.

Passaic River between Passaic and Paterson, New Jer-

sev.

Minnesota River near the village of Belle Plain, with a view to prevent the washing away of the banks of said river opposite said village.

Androscoggin River below Brunswick, Maine. Penobscot River and Bangor Harbor, Maine.

Resurvey of the breakwater at the mouth of Saco River, Maine.

Ohio River at Rochester and Freedom, Pennsylvania, for ice-breakers.

Delaware River above Philadelphia.

Delaware River in front of Philadelphia, by removal of Windmill or Smith's Island, or the bar above the same.

Madison Harbor, in the State of Connecticut.

Duck Island Harbor, in the State of Connecticut, with a view to the construction of a short breakwater for a harbor of refuge.

Harbor at Caseville, Michigan. Harbor at Cross Village, Michigan Santa Monica Bay, California.

Boston Harbor, Massachusetts, and especially Fore Point Channel and the channel leading to the wharves of the New York and New England Railroad.

Sandy Bay, Rockport, Massachusetts, with a view to the construction of a breakwater for a harbor of ref-

uge [a].
Pawtucket River, Rhode Island,
Black Rock Harbor, Connecticut.
Pawtucket River, Rhode Island,

Bissell's Cove, Rhode Island. Redwood Slough, San Mateo County, California

White River, Arkansas, at the Memphis and Little Rock Railroad Bridge, near Duvall's Bluff, with a view of removing obstructions from the channel.

North Branch of the Susquehanna River from Pittston

to Athens.

The sound [b] between Beaufort and New River, and White Oak River to Smith's Mills, North Carolina.

For a channel inside the shoals along the coast of Florida, from Cedar Keys to Clear Water Harbor and Tampa, Florida.

The headland in the town of Hull, at the entrance to Boston Harbor, Massachusetts, being the northerly side

<sup>&</sup>lt;sup>a</sup> The project submitted pursuant to this item contemplated the construction of a national harbor of refuge of the first class.

b Bogue Sound, etc.

of Telegraph Hill, south of Quarter Ledge, with a view to its protection by sea-wall or otherwise

Ice-harbor at Middleport, Meigs County, Ohio.

Clear Lake, Lake County, California

Sulphur River, Texas, from its mouth to Sulphur Station.

Pearl River, Mississippi, above Carthage

Stamford Harbor and Westport Harbor, Connecticut.

Edenton Bay, North Carolina

Ipswich River and Sandy Bay [a], at the end of Cape Ann. Massachusetts.

Water-route to connect the Calcasieu River with Sa-

bine Pass.

Illinois and Des Plaines River between La Salle and Joliet, in Illinois.

Shoal Harbor and Compton's Creek, New Jersey. Stoneybrook Harbor, Suffolk County, New York.

Pocomoke River, Maryland, with a view to a cut-off in

the bend just below Snow Hill

D'Arbonne River, Bayou Roundaway, and Bayou Vidal. Louisiana

Peekskill Harbor, on the Hudson River, New York.

Cumberland River and its principal tributaries above Pineville, Kentucky.

Extending the survey of the Louisa [Levisa] Fork of the Big Sandy River to Grundy Court-House, Virginia. Minisceongo Creek at its outlet into the Hudson River, New York.

Saugerties Harbor on Hudson River, New York.

Branford Harbor, Connecticut

North River in front of Jersey City and Hoboken, to determine what is necessary to permanently deepen the channel on the New Jersey side

To open a passage between the north end of Indian

River and Mosquito Lagoon, Florida.

Champlain River, Clinton County, New York, from the lake up to Champlain Town

ke ab to Cuambiain Town

For breakwater at Rouse's Point, on Lake Champlain, New York.

Ouachita River from Camden to Arkadelphia, Arkan-

Big Bayou Metre [Meto], Arkansas, from its mouth up. The Lewis, Humptulup, and Dawamish Rivers, Washington Territory.

Sebewaing Harbor, Michigan, resurvey, to obtain twelve feet of water in channel from Saginaw Bay.

Harbor at Ludington, Michigan, with a view to exam-

a It being presumed that the requirements of the act respecting this item were fully met by the reports submitted upon examination and survey of Sandy Bay with a view to the construction of a breakwater for a harbor of refuge, required by a previous paragraph in this act, no further or additional report on the subject was made.

ination by a board of engineers and report of a plan, and expense of same, for making a harbor of refuge.

Wisconsin River from Portage to Merrill.

The lakes near the headwaters of the Cannon River in Rice and Le Sueur Counties, Minnesota, with a view to adding the same to the reservoir system of the Mississippi River and its tributaries.

Southold Harbor, Suffolk County, New York.

Channel-way of Peconic River entering Peconic Bay, and channel-way from Riverhead to Great Peconic Bay, Suffolk County, New York.

Channel from Pearsall's Dock to Flat Creek, in Hemp-

stead Bay, Queens County, New York.

The source of the Minnesota River, near the foot of Big Stone Lake, with a view of its being added to the reservoir system of the Mississippi River and its tributaries.

Natalbany River, Louisiana.

Iowa River from Wapello to its mouth.

Delaware River between Trenton, New Jersey, and Port Jervis, New York.

Leipsic River, Delaware, from the Delaware River to

the town of Leipsic.

Waccamaw River between Conwayborough, South Carolina, and Waccamaw Lake, North Carolina.

Broad River from Rutherfordton, North Carolina, to South Carolina line.

Tionesta Creek, Pennsylvania.

Harbors of Port Henry and Port Marshall, on Lake Champlain, New York.

Boquet River, New York.

Harbor of Cedar Keys, Florida, especially the north-west channel.

Saint Mark's River, Florida.

Isle of Wight and Upper Synepuxent Bay, Maryland and Indian River, Delaware, with the intervening land, with a view to connect their waters.

Monokin [Manokin] River from its mouth to Princess Anne.

Wicomico River  $\lceil a \rceil$  from its mouth to Salisbury.

From Deal to Seabright, on the New Jersey coast, with a view to build a breakwater to protect the shore and har-

bor at Long Branch.

The shoal between Dauphin Island and Cedar Point, Alabama, with a with a [sic] view of ascertaining the most practicable point for making a channel through the same of sufficient depth and width to afford a good and safe passage for steamboats and other vessels in the trade between the waters of Mobile Bay and other places on the Gulf of Mexico.

Newtown Creek from its mouth to Metropolitan avenue in Brooklyn, New York.

Ouachita River from its mouth to Camden, Arkansas. Clubfoot, Harlow, and Newport Rivers, North Carolina, on line of inland navigation to Beaufort Harbor.

The harbors of Monroe and Trenton, Louisiana, on the Ouachita River, with a view to prevent the caving of

Mouth of Lake Palmyra where it enters the Mississippi River.

Bayou La Fourche, Louisiana. Alligator River, North Carolina.

Black River, North Carolina.

Sound between Morehead City, in Carteret County, North Carolina.

Town Creek [a], Beaufort County, North Carolina. Pungoteague Creek, from Bogg's Wharf to the Warehouse, Accomack County, Virginia.

Bay River, North Carolina.

Hull's Creek, Northumberland County, Virginia.

Hunting Creek, Accomack County, Virginia.

Great Wicomico from Cedar Point to Indian Point, Northumberland County, Virginia.

Cape Fear River above Fayetteville, North Carolina:

Piscataway Creek, Essex County, Virginia.

Cherrystone Creek, Virginia. Roanoke River, North Carolina. Calumet River, Illinois and Indiana.

The stone formation in the Kankakee River at Momence, Illinois; and if made, to be accompanied by an

estimate of the cost of removing the same.

That the Secretary of War shall cause to be made a survey and estimate of the cost of excavating a channel through the Grand and Little Chains in the Ohio River sufficient to pass boats and give a depth of six feeet at low water.

Piscataway Creek, Prince George's County, Maryland.

Chicamuxen Creek, Charles County, Maryland. Port Tobacco Creek, Charles County, Maryland.

Dividing Creek [La Trappe River], Talbot County,

Maryland.

Taggart's [Tygarts] Valley River, West Virginia, above Grafton to the Three Forks of Buckhannon, and furnish an estimate of the cost of removing the obstructions in the Buckhannon River from the town of Buckhannon to the Three Forks of said river.

Pecatonica River, from Argyle to Wayne, La Fayette

County, Wisconsin.

For the extension and completion of the breakwater, near the third, in Portsmouth Harbor, New Hampshire, connecting Goat Island and New Castle.

At and near the mouth of the Great Bay, so-called, with a view to increasing the depth of the flow of water and

<sup>&</sup>lt;sup>a</sup> Empties into Pamlico River 16 miles below Washington; sometimes called "Bath Creek."

improvement of the navigation of the Piscatagua River and its tributaries.

Steele's Bayou, in Mississippi, from its mouth to Swan

Lake, in Washington County.

The Yazoo Pass [a], including examination and estimate as to cost and feasibility of putting a lock so as to connect the Pass with the Mississippi River.

Roebuck Lake, a tributary of the Yazoo River, in Le

Flore County, Mississippi.

Survey of Black River from its mouth to Trinity. Louisiana, with a view of improving its navigation by

shortening its channel by cut-off.

Red River, Louisiana, from the Atchafalava to Fulton, Arkansas, including relieving the town of Alexandria from the encroachments of the river, removing snags from Cane River, and closing the outlet of the river known as "Sale and Murphy Canal."

Bayou Pierre, Louisiana, by removing raft therefrom. Loggy Bayou, Lake Bisteneau, and the Dorcheat, Louisiana; Cane River, Louisiana; and Petit Anse

Bayou, Louisiana.

To make such survey and report as to the cost of placing locks and dams on the Cumberland River from Nashville, Tennessee, to the Cincinnati Southern Railroad in Kentucky, as in the opinion of the Secretary of War is necessary to complete the examination and report of said river; said report to be—

First, as to the practicability of the work;

Second, its probable cost from Nashville to the Kentucky line;

Third, the cost from the Kentucky line to the Cincin-

nati Southern Railroad.

Fourth, the cost of locking and damming so as to improve Smith's Shoals.

The river Brandywine from its mouth to the Market

street bridge in the city of Wilmington, Delaware.

That in every case where surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby and such general commercial statistics as the Secretary of War may be able to procure: Provided, That no survey shall be made Preliminar of any of the above harbors or rivers until the Chief of examinations. Engineers shall have directed a preliminary examination of the same by the local engineer in charge of the district, and then only when such local engineer shall have made such examination and shall have reported to said Chief of Engineers that in his judgment said harbor or river is worthy of improvement and that the work is a public necessity. For making such preliminary examinations a Art tion. sum not exceeding ten thousand dollars may be used out

Preliminary

Appropria-

a Yazoo Pass is a bayou and lake (Moon Lake) formerly connecting the waters of Mississippi River near Delta, Miss., with Yazoo River, through Coldwater River.

Proviso.

of the amount appropriated for surveys: Provided further, That so much of said sum herein provided for surveys as may be necessary shall be used for continuation of the survey of the Arkansas River from Fort Gibson to Wichita, Kansas.

Appropriations immeditions immedi-

ately available. ately available.

J. WARREN KEIFER
Speaker of the House of Representatives.
DAVID DAVIS,
President of the Senate pro tempore.

In the House of Representatives, August 2, 1882.

The President of the United States having returned to the House of Representatives, in which it originated, the bill (H. R. 6242) "making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes," with his objections thereto, the House of Representatives proceeded in conformity with the Constitution to reconsider the same and has.

Resolved, That the bill do pass, two-thirds of the House

of Representatives agreeing to pass the same.

Attest:

Ewd. McPherson, Clerk.

In the Senate of the United States, August 2, 1882.

The Senate having proceeded, in pursuance of the Constitution, to reconsider the bill entitled "An act making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes," returned to the House of Representatives by the President of the United States, with his objections, and sent by the House of Representatives to the Senate with the message of the President returning the bill;

Resolved, That the bill do pass, two-thirds of the Senate

agreeing to pass the same.

Attest:

F. E. Shober, Acting Secretary.

Aug. 7, 1882. **CHAP. 433.**—An Act Making appropriations for sundry civil Vol. 22, p. 302. expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-three, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Appropria-bled, That the following sums be, and the same are heresundry civil by, appropriated for the objects hereinafter expressed for expenses. the fiscal year ending June thirtieth, eighteen hundred and eighty-three, namely: For the Mississippi River Commission as follows:

For salaries and traveling expenses of the Commission, Mississippi office expenses, and reduction of work; for continuation sion, of surveys and gaugings of the Mississippi River and its Salaries, tributaries; for permanent gauge-stations and borings; penses, etc. and for publication of maps and results, one hundred and fifty thousand dollars; and an itemized statement of the statement of expenditure of this sum shall be included with the annual expenditure to report of the Commission to Congress.

be made to Congress.

And to pay to Isaac A. Sylvester, for the losses and Payment to damages sustained by him on account of the collision of vester for damthe United States sloop of war Lancaster with the drill-in Portsmouth. platform and sloop Derry, at Gangway Rock, Ports-Harbor, N. H. mouth, New Hampshire, two thousand dollars in full satisfaction thereof.

Approved, August 7, 1882.

CHAP. 454.—An Act For the relief of certain laborers employed upon Government works.

Aug. 7, 1882. Vol.22.p.734.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled, That the Secretary of War of the United States is Payment to Congress assembled to Congre hereby authorized and directed to pay to the laborers who ers upon Gorworked upon the Government improvements upon the ernment improvements upon the provements on Fox River, in the State of Wisconsin, under or employed Fox River, by Day, Call and Company (or subcontractors under them), late contractors with the Government in the improvement of the Lawer [Lower] Fox River, in the State of Wisconsin the amount due each of such laborers, respectively, for work, labor, and services by them done and performed, respectively, upon and about said improvements as aforesaid, out of and from any moneys actually earned by said Day, Call and Company (or subcontractors under them) under their said contract with the Government, or for work done and materials furnished by said Day, Call and Company (or subcontractors under them), and which have not been paid for by the Government, and which may be withheld by the Government, from the said Day, Call and Company on their said contract as a forfeiture or otherwise: Provided, however, That if the amount thereof is not sufficient to pay in full the amount due to such laborers, respectively, then to pay said laborers pro rata. Such payments may be made after giving notice four weeks successively in some newspaper published in the county of Ontagamie [Outagamie], Wisconsin, for such laborers to present and prove their claims: Provided further, That such payments be made in the State of Wisconsin, by and through some engineer office of the United States designated by

Provisos.

the Secretary of War: And provided further, That no money shall be paid by virtue of the authority of this act except out of such sum or sums as in the opinion of the Secretary of War may be lawfully withheld from the assignee in bankruptcy of said Day, Call and Company as a forfeiture under the terms and conditions of their said contract.

Approved, August 7, 1882.

Mar. 3, 1883. CHAP. 141.—An Act Making appropriations to supply defi-Vol.22,p.582. ciencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-three, and for prior years, and for those certified as due by the accounting officers of the Treasury in accordance with section four of the Act of June fourteenth, eighteen hundred and seventy-eight, heretofore paid from permanent appropriations, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, 1883, for prior appropriated, out of any money in the Treasury not otherwears, and under sec. 4, act wise appropriated, for the objects hereinafter stated, June 14, 1878. namely:

1883. To su

To supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-three, as follows:

J.C. Burdick, Wadsworth, C. M. Wadsworth, C. M. Wadsworth to.

18 Stat., 506.

18 Stat., 506.

18 Stat., 506.

19 Stat., 506.

10 Enable the Secretary of War to pay to 3. O. Each of Enable thundred and twenty dollars, to E. M. Wadsworth eight hundred and twenty dollars, and to C. A. Peck eight hundred and twenty dollars, commissioners appointed under the authority of an act of Congress approved March third, eighteen hundred and seventy-five, entitled "An act to aid in the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin," for services in ascertaining and awarding the amount of damages by reason of the flowage of lands caused by the improvement of the

Fox and Wisconsin Rivers, in the State of Wisconsin.

Approved, March 3, 1883.

Mar. 3, 1883. **CHAP. 143.**—An Act Making appropriations for sundry civil Vol.22, p.603. expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Appropriabled, That the following sums be, and the same are hereby, tions. Sundry civil appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, namely: For the Mississippi River Commission, as follows: For salaries and traveling expenses, of the commission, sion.

Mississippi River Commis-

office expenses, and reduction of work; for continuation of surveys and gaugings of the Mississippi River and its tributaries, for permanent gauge stations and borings, and for publication of maps and results, one hundred and fifty thousand dollars: and an itemized statement of the expenditure of this sum shall be included with the annual report of the commission to Congress.

Approved, March 3, 1883.

CHAP. 2.—An Act Making an appropriation for continuing the improvement of the Mississippi River.

Jan. 19, 1884. Vol. 23, p. 1.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one million dollars be, and is here-tion, continuby, appropriated or so much thereof as may be necessary, ing improve-out of any money in the Treasury not otherwise approsissisppi River. priated, for the improvement of the Mississippi River, which said sum shall be expended, under the direction of the Secretary of War, in accordance with the plans, specifications, estimates, and recommendations of the Mississippi River Commission created by an act entitled "An act to provide for the appointment of a Mississippi River Commission for the improvement of said river from the Head of the Passes, near its mouth, to its head-waters," approved June twenty-eighth, eighteen hundred and seventy-nine: Provided, That the money hereby appropriated shall be used solely for the improvement of the navigation of the Mississippi River and no part thereof shall be expended with the view to the improvement of private property.

Proviso.

Approved, January 19, 1884.

CHAP. 11.—An Act Making appropriation to supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for examination and surveys required by Acts of March third, eighteen hundred and seventy-five, and June nineteenth, eighteen hundred and seventy-eight, to ascertain depth of water and width of channel of South Pass of Mississippi River, also for gauging the waters of the Mississippi River and its tributaries.

Mar. 12, 1884. Vol. 23, p. 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem
bled, That the following sums be and the same are hereby south Pass of appropriated out of any money in the Treasury not other
River. wise appropriated, to wit:

18 Stat., 465. 20 Stat., 169.

To supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for examinations and surveys required by the acts of March third, eighteen hundred and seventy-five and June nineteenth, eighteen hundred and seventy-eight, to ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War, to report to Congress during the maintenance of the work, six thousand dollars.

Gauging waters of Mississippi River. 16 Stat., 598.

To supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for gauging waters of lower Mississippi River and its tributaries: For annual expense of gauging the waters of the Mississippi River and its tributaries, continuing observations of the rise and fall of the river and its chief tributaries, as required by Joint Resolution of February twenty-first, eighteen hundred and seventy-one, two thousand one hundred dollars.

Sec. 2. That the moneys hereby appropriated shall be immediately available.

Approved, March 12, 1884.

CHAP. 37.—An Act To provide for certain of the most urgent May 1, 1884. Vol. 23, p. 15. deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

> Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-bled \* \* \* bled,

Voluntary service for

and hereafter no Department or officer of the Government, or United States shall accept voluntary service for the Government of personal service in excess of that autice other than thorized by law except in cases of sudden emergency inthat author. that authorized by law except in cases of suddent struction of propprohibited; exceptions.

Approved, May 1, 1884.

CHAP. 7 —An Act Authorizing and empowering the Secretary June 11, 1884. Vol.23.p.531, of War to reconvey to Thomas Mulvihill certain lands erroneously conveyed by him to the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Thomas Mul-bled, That the Secretary of War, acting for and on behalf Relief in re of the United States of America, be, and he is hereby, auland, Davis thorized and empowered to reconvey to Thomas Mulvi-lsland dam, bill, by deed of conveyance duly executed, all the right. hill, by deed of conveyance duly executed, all the right,

title, and interest of the United States of America in and

to such part or portion of the lot of land [at Davis Island dam, Ohio River] as was erroneously conveyed to the United States of America by said Thomas Mulvihill by deed dated October twentieth, anno Domini eighteen hundred and seventy-seven, and as recommended in a message from the President of the United States to Congress bearing date the thirteenth day of December, anno Domini eighteen hundred and eighty-three.

Approved, June 11, 1884.

[39.] Joint Resolution Authorizing the Secretary of War to June 26, 1884, lease certain lands to the board of fish commissioners of the State Vol.25.p.275. of Michigan.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is directed and hereby duly authorized to lease to the State board of fish commission-of fish commissioners of ers of the State of Michigan the parcel or strip of land Michigan; lying north of and adjoining the Saint Mary's Falls Ship tain lands to. Canal, and between said canal and the rapids of the Saint Mary's River, in the county of Chipewa and State of Michigan, including such portion of the lands reserved for the use of the canal as are not now needed for canal purposes, upon condition that the premises so leased are to be used solely by said commissioners for the culture and propagation of food-fishes and the residence of the employees of the commission, and that the use of said premises by them shall in no way interfere with the use of the same lands for canal purposes whenever required by the United States Government. The Secretary of War is requested to cause the removal of all persons now occupying any part of the said premises on or before July first, anno Domini eighteen hundred and eighty-four. The lease to said commissioners shall be rent free, and the buildings to be erected by said commissioners shall be first approved by the engineer officer in charge of the canal.

Approved, June 26, 1884.

CHAP. 229.—An Act Making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes.

July 5, 1884. Vol.23,p.133.

State board

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are River and hereby appropriated, to be paid out of any money in the harbor appro-Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Portland.

Improving harbor at Portland, Maine: Continuing im-

provement, thirty thousand dollars.

Bangor.

Improving harbor at Bangor and Penobscot River, Maine: Continuing improvement, twenty thousand dollars.

Rockland.

Improving harbor at Rockland, Maine: Continuing improvement, forty thousand dollars.

Breakwater. Saco River.

Improving breakwater at the mouth of Saco River, Maine: Continuing improvement and repairs, fifteen thousand dollars.

Portsmouth.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, twenty thousand dollars.

Burlington.

Improving harbor at Burlington, Vermont: Continuing improvement, twenty-five thousand dollars; for repairs, twenty-five thousand dollars.

Boston.

Improving harbor at Boston, Massachusetts: Continuing improvement, five thousand dollars.

Nantucket.

Improving harbor at Nantucket, Massachusetts: Continuing improvement, ten thousand dollars.

Newburyport

Improving harbor at Newburyport, Massachusetts: Continuing improvement, forty thousand dollars.

Scituate.

Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars.

Plymouth.

Improving harbor at Plymouth, Massachusetts: Continuing improvement, ten thousand dollars.

Province-

town.

Improving harbor at Provincetown, Massachusetts; Continuing improvement, two thousand dollars.

Woods Hole.

Improving harbor at Wood's Holl, Massachusetts: Continuing improvement, twenty-five thousand dollars.

Wareham.

Improving harbor at Wareham, Massachusetts: Continuing improvement, ten thousand dollars.

National har-

Constructing a national harbor of refuge of the first bor of refuge, Sandy Bay, Cape Ann, Massachusetts, one hun-Cape Ann; con dred thousand dollars: Provided, That a board of three authorized engineers, to be appointed by the Secretary of War, shall decide that this point is the best location on the coast between Boston and Portland for such a harbor that shall serve all the uses for which it may be needed.

Breakwater, Block Island.

Improving breakwater at Block Island, Rhode Island: Continuing improvement, fifteen thousand dollars.

Newport.

Improving harbor at Newport, Rhode Island: Continuing improvement, twenty thousand dollars.

Bridgeport.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, five thousand dollars.

Breakwater. New Haven.

Improving breakwater at New Haven, Connecticut: Continuing improvement, forty thousand dollars.

New Haven Harbor.

Improving harbor at New Haven, Connecticut: Continuing improvement, ten thousand dollars.

New London.

Improving harbor at New London, Connecticut: Continuing improvement, two thousand dollars.

Norwalk.

Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars.

Stonington.

Improving harbor at Stonington, Connecticut: Continuing improvement, ten thousand dollars.

Improving harbor at Black Rock, Connecticut: Com-Black Rock. mencing new improvement, twenty thousand dollars.

Buffalo. Improving harbor at Buffalo, New York: Continuing

improvement, one hundred thousand dollars.

Improving Buttermilk Channel, New York: Continu-Buttermilk ing improvement, ten thousand dollars.

Improving harbor at Canarsie Bay, New York: Con-Canarsie

tinuing improvement, five thousand dollars.

Improving Sheepshead Bay, New York: Continuing Sheepshead improvement, five thousand dollars.

Improving harbor at Charlotte, New York: Continuing

improvement, twenty thousand dollars.

Improving harbor at Dunkirk, New York: Continuing Dunkirk. improvement, ten thousand dollars, to restore broken breakwater and for dredging.

Improving harbor at Flushing Bay, New York: Con- Flushing

tinuing improvement, ten thousand dollars.

Improving channel in Gowanus Bay, New York: Con- Gowanus

tinuing improvement, five thousand dollars.

Improving harbor at Great Sodus Bay, New York: Great Sodus Continuing improvement, ten thousand dollars.

Improving harbor at Greenport, New York: Continu-Greenport.

ing improvement, ten thousand dollars.

Improving harbor at Little Sodus Bay, New York: Little Sodus

Continuing improvement, ten thousand dollars.

Improving harbor at Oak Orchard, New York: Con- Oak Orchard.

tinuing improvement, five thousand dollars. Improving harbor at Ogdensburg, New York: Con-Ogdensburg.

tinuing improvement, fifteen thousand dollars.

Improving harbor at Oswego, New York: Continuing Oswego.

improvement, eighty thousand dollars.

Improving harbor at Rondout, New York: Continuing Rondout.

improvement, one thousand dollars.

Commencing construction of breakwater at Rouse's Breakwater Rouse Point. Breakwater. Point, on Lake Champlain, New York, thirty-five thousand dollars.

Improving harbor at Saugerties, New York, five thou-Saugerties.

Improving channel between Staten Island and New Staten Island-New Jer-Jersey: Continuing improvement, ten thousand dollars. sey channel.

Improving harbor at Raritan Bay, New Jersey: Con-

tinuing improvement, twenty thousand dollars.

Improving harbor at Erie, Pennsylvania: Continuing Erie.

improvement, fifty thousand dollars.

Improving Delaware Breakwater, Delaware: Continu-Breakwater, ing improvement, seventy-five thousand dollars.

Improving harbor at New Castle, Delaware: Continu- Newcastle.

ing improvement, two thousand dollars.

Improving harbor at Wilmington, Delaware: Contin- Wilmington, uing improvement, twenty-five thousand dollars.

Improving harbor at Baltimore, Maryland: Continuing improvement, two hundred and fifty thousand dollars.

Breton Bay. Improving harbor at Breton Bay, Maryland: Continuing improvement, three thousand dollars.

Norfolk. Improving harbor at Norfolk, and its approaches, Virginia: Continuing improvement, twenty-five thousand dollars.

Approach to Norfolk Harbor and the United and United States (Norfolk) navy-yard: Continuing improvement, navythe widening of the channel of the Elizabeth River bevard. tween Lambert's Point and Fort Norfolk, fifty thousand

dollars. Charleston. Improving harbor at Charleston, South Carolina, including Sullivan's Island: Continuing improvement, two

hundred and fifty thousand dollars, of which sum five thousand dollars may be used in front of Mount Pleasant. Georgetown. Improving harbor at Georgetown, South Carolina:

Continuing improvement, five thousand dollars.

Brunswick, Improving harbor at Brunswick, Georgia: Continuing improvement, ten thousand dollars.

Savannah. Improving harbor at Savannah, Georgia: Continuing

improvement, two hundred thousand dollars.

Cumber land Improving entrance to Cumberland Sound, Georgia Sound. and Florida: Continuing improvement, seventy-five thousand dollars.

Apalachicola Improving Apalachicola Bay, improvement, ten thousand dollars. Florida: Continuing Bay.

Pensacola. Improving harbor at Pensacola, Florida: Completing improvement, fifty-five thousand dollars.

Cedar Keys. Improving harbor at Cedar Keys, Florida: Commencing improvement, five thousand dollars. Tampa Bay.

Improving harbor at Tampa Bay, Florida: Continuing improvement, twenty thousand dollars. Mobile.

Improving harbor and river at Mobile, Alabama: Continuing improvement, two hundred thousand dollars.

Aransas Pass Improving Aransas Pass and Bay up to Rockport and and Bay. Corpus Christi, Texas: Continuing improvement, one hundred thousand dollars.

Brazos San-Improving harbor at Brazos Santiago, Texas: Contintiago. uing improvement of the bar and harbor, twenty-five thousand dollars.

Bar, Neches For improving and deepening bar at the mouth of the River. Neches River, Texas: Completing the work, seven thousand dollars:

Ship channel, Improving ship-channel in Galveston Bay, from Mor-Galveston Bay. gan's Cut to Boliver Channel: Continuing improvement, for which purpose the balance now remaining of the money heretofore appropriated for this work is hereby directed to be expended by the Secretary of War in the completion of said channel in accordance with the plans heretofore adopted, and in marking out said channel by piles or stakes, so as to enable navigators to find the same Proviso. Vol. 20, pp. without difficulty: Provided, That no part of said money 367, 368. Ante, p. 291. shall be so expended until the Secretary of War shall be vol. 26, p. satisfied that the Buffalo Bayou Ship Channel Company

Post, p. 585, has relinquished or abandoned to the United States, for-

ever, all their franchises and any and all right to collect or impose tolls or charges from any part of said shipchannel or Buffalo Bayou.

Improving Pass Cavallo Inlet to Matagorda Bay, Pas Pass Cavallo

Texas: Continuing improvement, fifty thousand dollars.

Improving harbor at Sabine Pass and Blue Buck Bar, and Blue Buck Texas: Continuing improvement, two hundred thousand bar. dollars.

Improving harbor at Ashtabula, Ohio: Continuing im-

provement, twenty-two thousand five hundred dollars.

Improving Black River Harbor, Ohio: Continuing im- (Lorain) provement, ten thousand dollars.

Improving harbor at Cleveland, Ohio: Continuing im-

provement, one hundred thousand dollars.

Improving harbor of refuge near Cincinnati, Ohio: Harbor of refuge near Completing improvement, seventeen thousand dollars. Cincinnati.

Improving harbor at Fairport, Ohio: Continuing im-

provement, ten thousand dollars.

Huron. Improving harbor at Huron, Ohio: Continuing im-

provement, seven thousand five hundred dollars.

Improving ice-harbor at the mouth of the Muskingum Muskingum Muskingum River, Ohio: Continuing improvement, fifty thousand River. dollars.

Improving harbor at Sandusky City, Ohio: Continu-San ing improvement, twenty thousand dollars; one half of said sum to be expended in deepening the channel and the

other half in the repair of existing works.

Improving harbor at Toledo, Ohio: Continuing im- bor provement, twenty thousand dollars. And the Secretary of War is hereby directed to commence the work of making a straight channel for the Maumee River from a point on the east side of the mouth of said river through North Cape Point to Lake Erie, in accordance with the second plan recommended by John M. Wilson, major of engineers, on the nineteenth of November, eighteen hundred and eighty one; and for that purpose the sum of twenty five thousand dollars is hereby appropriated.

Improving harbor at Michigan City, Indiana: Continu-City. ing improvement, fifty thousand dollars; of which sum ten thousand dollars are to be expended on the inner har-

bor and forty thousand dollars on the outer harbor.

Improving harbor at Calumet, Illinois: Continuing im-

provement, twenty thousand dollars.

Improving harbor at Chicago, Illinois: Continuing operations at outside harbor, dredging in outer harbor, and constructing exterior breakwater, one hundred thousand dollars.

Improving harbor at Waukegan, Illinois: Continuing improvement, twenty thousand dollars.

Improving ice harbor at Belle River, Michigan: Con-ice harbor.

tinuing improvement, two thousand dollars.

Improving harbor at Black Lake, Michigan: Continu- Black Lake (Holland). ing improvement, fifteen thousand dollars.

Ashtabula.

Black River

Cleveland.

Fairport.

Sandusky

Toledo Har-

Calumet.

Waukegan.

Chicago.

Charlevoix.

Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, ten thousand dollars.

Pentwater Harbor.

Improving Pentwater Harbor, Michigan: Continuing improvement, fifteen thousand dollars.

Cheboygan.

Improving harbor at Cheboygan, Michigan: Continuing improvement, five thousand dollars.

Frankfort.

Improving harbor at Frankfort, Michigan: Continuing improvement, five thousand dollars.

Grand Haven. Improving harbor at Grand Haven, Michigan: Continuing improvement, fifty thousand dollars.

Sandbeach (Harbor Beach).

Improving harbor of refuge, Sand Beach, Lake Huron, Michigan: Continuing improvement, including dredging the harbor, seventy five thousand dollars.

Ludington.

Improving harbor at Ludington, Michigan: Continuing improvement, ten thousand dollars.

Manistee.

Improving harbor at Manistee, Michigan: Continuing improvement, ten thousand dollars.

Muskegon.

Improving harbor at Muskegon, Michigan: Continuing

improvement, twenty thousand dollars.

Grand In

Improving Grand Marais Harbor, Michigan: Continu-

ing improvement, thirty-five thousand dollars.

Improving harbor at Ontonagon, Michigan: Continuing improvement, fifteen thousand dollars.

St. Joseph.

Improving harbor at Saint Joseph, Michigan: Continuing improvement, fifteen thousand dollars.

Marquette.

Improving Marquette Harbor, Michigan: Continuing improvement, five thousand dollars.

Saugatuck.

Improving harbor at Saugatuck, Michigan: Continuing improvement, four thousand dollars.

Sout h Haven.

Improving harbor at South Haven, Michigan: Continuing improvement, seven thousand five hundred dollars.

White River.

Improving harbor at White River, Michigan: Continuing improvement, ten thousand dollars.

Harbor of refuge, Portage Lake.

Improving harbor of refuge at Portage Lake, Michigan; twelve thousand five hundred dollars.

Ahnapee.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, fifteen thousand dollars.

Green Bay.

Improving harbor at Green Bay, Wisconsin: Continuing improvement, ten thousand dollars.

Kenosha.

Improving harbor at Kenosha, Wisconsin: Continuing improvement, five thousand dollars.

Kewaunee.

Improving harbor at Kewaunee, Wisconsin: Continuing improvement, eighteen thousand dollars.

Manitowoc.

Improving harbor at Manitowoc, Wisconsin: Continuing improvement, fifteen thousand dollars.

 ${\bf Menominee.}$ 

Improving harbor at Menomonee, Wisconsin: Continuing improvement, ten thousand dollars.

Harbor of refuge, Milwaukee Bay. Improving harbor of refuge at Milwaukee Bay, Wisconsin: Continuing improvement, eighty-five thousand dollars.

Oconto.

Improving harbor at Oconto, Wisconsin: Continuing improvement, fifteen thousand dollars.

Oakland.

Redwood.

Improving harbor at Pensaukee, Wisconsin: Continu-Pensankee

ing improvement, five thousand dollars.

Improving harbor at Stockholm, Lake Pepin, Wiscon- Stockholm sin: Continuing improvement, fifteen thousand dollars. Pepin.

Improving harbor at Port Washington, Wisconsin: Port Washington.

Continuing improvement, ten thousand dollars.

Improving harbor at Racine, Wisconsin: Continuing

improvement, seven thousand dollars.

Improving Superior Bay and Harbor, Wisconsin; and Superior Bay also the channel of the Saint Louis River through said bay, forty-five thousand dollars.

Improving harbor at Sheboygan, Wisconsin: Continu-Sheboygan.

ing improvement, twenty-eight thousand dollars.

Improving harbor of refuge at entrance of Sturgeon Harbor of Bay Canal, Wisconsin: Continuing improvement, ten geon Bay. thousand dollars.

Improving harbor at Two Rivers, Wisconsin: Contin-Two Rivers.

uing improvement, eight thousand dollars.

Completing ice-harbor at Dubuque, Iowa: Continuing Lee h Ice harbor.

improvement, twenty thousand dollars.

Duluth. Improving harbor at Duluth, Minnesota; Continuing

improvement, forty-five thousand dollars.

Improving harbor at Grand Marais, Minnesota: Con- Grals Grand Matinuing improvement, ten thousand dollars.

Humboldt. Improving harbor at Humboldt, California: Continuing improvement, sixty-two thousand five hundred dol-

lars. Improving harbor at Oakland, California; Continuing improvement, one hundred and thirty-nine thousand six hundred dollars; of which sum thirty-nine thousand six hundred dollars is to pay for land condemned for the purpose of constructing a tidal channel between the bay of San Leandro and the head of Oakland Harbor.

Improving harbor at Wilmington, California; Con- Cal. Wilmington,

tinuing improvement, fifty thousand dollars.

Improving harbor at Redwood, California; three thousand dollars.

Improving Coos Bay, Oregon: Continuing improve-Coos Bay.

ment thirty thousand dollars.

Improving harbor at Yaquina Bay, Oregon: Continu- Yaquina

ing improvement, fifty thousand dollars. Improving Lubec Channel, Maine: Continuing im-nel provement, ten thousand dollars: Provided, That as much Proviso. of the sum as may be necessary shall be expended for the removal of a rock in Eastport Harbor.

Improving Moose-a-bec Bar Maine: Continuing im- Moosa bec

provement, ten thousand dollars.

Improving Cocheco River, New Hampshire: Complet-River.

ing improvement, twenty-eight thousand dollars.

Improving Merrimac River at Rock's Bridge, Massa-Merrimac chusetts: Continuing improvement, three thousand five hundred dollars.

Delaware

Proviso.

River.

River.

Taunton Improving Taunton River, Massachusetts: Completing improvement, twenty-six thousand five hundred dollars.

Improving Providence River and Narragansett Bay. Provide n c e Narragansett Rhode Island: Continuing improvement, eighty-five thou-as sand dollars: *Provided*, That not exceeding one thousand Bay. dollars of said sum may be expended in removing obstructions at the mouth of the Pawtuxet River.

Improving Pawtucket River, Rhode Island: Continu-Pawtucket River. ing improvement, fifty thousand dollars: Provided, That Proviso this appropriation shall not become available until the officer in charge shall have reported that the rebuilding of Washington Bridge with good and sufficient drawopenings has been commenced.

Connecti cu t Improving Connecticut River below Hartford, Con-River necticut: Continuing improvement, thirty-five thousand dollars.

Housatonic Improving Housatonic River, Connecticut: Continu-River. ing improvement, two thousand five hundred dollars.

Thames Improving Thames River, Connecticut: Continuing im-River. provement, twenty-five thousand dollars.

Hell Gate. For removing the reef at Hell Gate, New York, the sum of three hundred and sixty thousand dollars, or so much thereof as may be necessary for that purpose.

Gedney Deepening Gedney's Channel through Sandy Hook Bar, channel. New York, two hundred thousand dollars.

Improving Hudson River, New York: Continuing im-Hudson River. provement, thirty thousand dollars.

Newtown Improving Newtown Bay and Newtown Creek. New Bay and Creek. York: Continuing improvement, twenty thousand dollars.

Maurice Improving Maurice River, New Jersey: Continuing im-River, provement, seventeen thousand dollars.

Improving Passaic River below Newark, and removing Passaic River. shoals in Newark Bay, New Jersey: Continuing improvement, twenty-five thousand dollars.

Passaic Improving the Passaic River above Newark, New Jer-River. sev, three thousand dollars.

Raritan For continuing the improvement of the Raritan River, River. thirty-five thousand dollars.

Allegheny Improving Allegheny River, Pennsylvania: Continu-River. ing improvement, thirty-five thousand dollars.

Schuylkill Improving Schuvlkill River, Pennsylvania: Continu-

ing improvement, twenty-five thousand dollars.

Improving Delaware River from Trenton, New Jersey to its mouth: Continuing improvement, two hundred thousand dollars: Provided, That not exceeding ten thousand dollars of said sum shall be expended above Bridesburg.

Choptank Improving Choptank River, Maryland: Continuing improvement, five thousand dollars.

Susquehanna Improving Susquehanna River above and below the railroad bridge, Maryland: Continuing improvement, twenty thousand dollars; of which sum five thousand dollars shall be expended for the completion of the channel

to Fishing Battery Light-House, and for repairing, strengthening, and extending the piers and breakwaters.

Improving Corsica Creek, Maryland: Continuing im- Corsica Creek.

provement, five thousand dollars.

Improving Wicomico River [a], Maryland, from its Wicomico mouth to Salisbury, ten thousand dollars.

Improving the Potomac River at Washington, five hun-Potomac

dred thousand dollars; continuing improvement.

Improving harbor at entrance of Saint Jerome's Creek, St. Jeromes Maryland: Continuing operations, fifteen thousand dol-Creek. lars.

Improving Appomatox River, Virginia: Continuing Appomattox

improvement, twenty-five thousand dollars.

Improving James River, Virginia: Continuing im-James River. provement on the plan for deepening the channel to twenty-two feet at mean low tide, seventy-five, thousand

Improving Mattaponi River, Virginia: Continuing im-

provement, two thousand five hundred dollars.

Improving Rappahannock River, Virginia: Continu-Rappahannock River, ing improvement, twenty thousand dollars.

Improving York River, Virginia: Continuing im-York River.

provement, twenty thousand dollars.

Improving Dan River, Virginia: Continuing improve- Dan River. ment above Danville, five thousand dollars.

Improving Staunton River, Virginia: Continuing im- Staunton River.

provement, five thousand dollars.

Improving Big Sandy River, West Virginia and Kentucky, fifty thousand dollars; of which sum continuing River. improvement below the fork and completing the lock on the West Virginia side, forty thousand dollars; on Tug Fork, in West Virginia, five thousand dollars, and on Lavisa [Levisa] Fork, in Kentucky, five thousand dollars.

Levisa Fork. Improving Great Kanawha River, West Virginia; Ka Continuing improvement, two hundred thousand dollars; of which sum seven thousand five hundred dollars are to

be used on a harbor of refuge at the mouth of the river.

Improving Guyandotte River, West Virginia: Contin-Guyandot uing improvement, two thousand dollars.

Improving Monongahela River, West Virginia: Con-Monongahela tinuing improvement, forty-five thousand dollars.

For continuing the improvement of Little Kanawha Little Kana-River, West Virginia, the sum of thirty-one thousand dol-wha River. lars appropriated by the act of August second, eighteen 22 Stat., 199. hundred and eighty-two, is made available. But no toll shall be collected by any person or corporation for this improved navigation; and such right, if any exist, shall be relinquished in manner satisfactory to the Secretary of War before the expenditure of said sum.

Improving Buckhannon River, West Virginia, one Buckhannon

thousand five hundred dollars.

Big

Tug Fork.

Sandy

Cape Fear Improving Cape Fear River above Wilmington, North Carolina: Continuing improvement, five thousand dollars.

Improving Cape Fear River below Wilmington, North Carolina: Continuing improvement, two hundred thousand dollars.

Beaufort. Improving harbor at Beaufort, North Carolina: Continuing improvement, twenty thousand dollars.

Edenton Bay, North Carolina, ten thousand dollars.

Trent River. Improving Trent River, North Carolina: Continuing improvement, ten thousand dollars.

Contentnia Improving Contentnea or Moccasin River, North Caroor Moccasin lina: Continuing improvement, five thousand dollars.

Currituck Sound, North Carolina: Continuing improvement, five thousand dollars.

Neuse River. Improving Neuse River, North Carolina: Continuing improvement, twenty thousand dollars.

New River. Improving New River, North Carolina: Continuing improvement, five thousand dollars.

Pamlico and Tar Rivers, North Carolina: Continuing improvement, five thousand dollars.

Roanoke River, North Carolina: Continuing improvement, three thousand dollars.

Scuppernong River, North Carolina: Continuing improvement, two thousand dollars.

Ashley River. Improving Ashley River, South Carolina: Continuing improvement, two thousand dollars.

Edisto River. Improving Edisto River, South Carolina: Continuing improvement, five thousand dollars.

Great Pedee Improving Great Pee Dee River, South Carolina: Continuing improvement, eight thousand dollars.

Salkahatchie Improving Salkehatchee River, South Carolina: Con-

tinuing improvement, three thousand dollars.

Waccamaw River, South Carolina: Continuing improvement, six thousand dollars.

wappoo cut. Improving Wappoo Cut, South Carolina: Continuing improvement, three thousand dollars.

Wateree River, South Carolina: Continuing improvement, five thousand dollars.

Santee River. Improving Santee River, South Carolina: Continuing

improvement, fifteen thousand dollars.

Altamaha Improving Altamaha River, Georgia: Continuing improvement, fifteen thousand dollars.

St. Jones Improving St. Jones River, Delaware: Continuing

improvement, ten thousand dollars.

Chattahoo Chee River.

Chattahoo Chee River, Georgia and Ala-

bama: Continuing improvement, thirty-five thousand dollars.

Coosa River. Improving Coosa River, Georgia and Alabama: Continuing improvement, fifty thousand dollars.

Flint River. Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum fifteen

thousand dollars to be expended below Albany and five thousand dollars from Albany to Montezuma.

Improving Ocmulgee River, Georgia: Continuing im- Ocmulgee

provement, three thousand dollars.

Improving Oconee River, Georgia: Continuing im- Oconee River. provement, three thousand dollars.

Improving Romerly Marsh, Georgia: Continuing im- Romerly

provement on present plan, ten thousand dollars.

Improving Savannah River, Georgia: Continuing im- River, provement below Augusta, fifteen thousand dollars.

Improving Appalachicola River, Florida: Continuing Apalachicola

improvement, one thousand dollars.

Improving Caloosahatchie River, Florida: Continuing Caloosahat-

improvement, five thousand dollars.

Improving Choctawhatchee River, Florida and Ala- Choctawhatchee River. bama: Continuing improvement, fifteen thousand dollars; five thousand dollars thereof to be expended between the railroad bridge and Geneva, and ten thousand dollars thereof between Geneva and Newton, Alabama, to make that part of said river navigable at low-water stages.

Improving Conecuh-Escambia River, Florida and Ala-Conecuh-Escambia River. bama: Continuing improvement, twelve thousand dollars.

Improving Escambia River, Florida, three thousand Escambia dollars.

Improving the channel over the bar at the mouth of Bar, St. Johns Saint John's River, Florida: Continuing improvement, one hundred and fifty thousand dollars.

Improving the Upper Saint John's River, Florida, five Upper St.

thousand dollars.

Improving Suwanee River, Florida: Continuing im- Suwanee provement, five thousand dollars.

Improving Volusia Bar, Florida: Continuing improve- Volusia bar.

ment, two thousand dollars.

Improving Withlacoochee River, Florida: Continuing Withlacoochee River. improvement, three thousand dollars.

Improving Alabama River, Alabama: Continuing im-River.

provement, ten thousand dollars.

Improving Cahawba River, Alabama: Continuing im-Cahaba provement, ten thousand dollars.

Improving Tallapoosa River, Alabama: Continuing River, Tallapoosa

improvement, ten thousand dollars.

Improving Warrior River, Alabama: Continuing im- Warrior

provement, twelve thousand dollars.

Improving Tombigbee River, Alabama and Missis-Tom sippi: Continuing improvement from Fulton to Vienna, ten thousand dollars, and below Vienna, fifteen thousand dollars.

Improving Black Warrior River, Alabama, from Tus-Black Warcaloosa to Daniel's Creek, fifty thousand dollars.

Improving Big Sunflower River, Mississippi: Continu-Big Sunflower River.

ing improvement, five thousand dollars.

Improving Noxubee River, Mississippi: Continuing No improvement, seven thousand five hundred dollars.

Pasca goula River

Improving Pascagoula River, Mississippi: Continuing

improvement, three thousand dollars.

Pearl River.

Improving Pearl River, Mississippi: Continuing improvement between Edinburg and Carthage, two thousand five hundred dollars; and below Jackson, including bar at the mouth, ten thousand dollars.

Channel of Biloxi Bay.

Improving channel of Biloxi Bay, Mississippi: Continuing improvement, for which purpose the balance of the money heretofore appropriated for the roadstead now on hand is hereby directed to be applied to the deepening of the channel from Mississippi Sound to the wharves at Biloxi.

Tallahatchie River.

Improving Tallahatchee River, Mississippi: Continuing improvement, three thousand dollars.

Tchula Lake.

Improving Tchula Lake, Mississippi: Continuing improvement, one thousand five hundred dollars.

Steele Bayou. Improving Steele's Bayou, Mississippi, two thousand five hundred dollars.

Big Black River.

Improving Big Black River, Mississippi, five thousand dollars. Horn Island Improving Horn Island Pass, Mississippi, five thou-

sand dollars.

Yalobusha Improving Yallabusha River, Mississippi: Continuing improvement, two thousand dollars.

Yazoo River.

Improving Yazoo River, Mississippi: Continuing improvement ten thousand dollars.

Bayou Black.

Improving Bayou Black [a], Louisiana: Continuing improvement five thousand dollars.

Bœuf River.

Improving Boeuf River, Louisiana: Continuing improvement, five thousand dollars.

Bayou Bar-tholomew.

Improving Bayou Bartholomew, Louisiana and Arkansas: Continuing improvement, five thousand dollars. Improving Bayou Courtableau, Louisiana: Continuing

Bayou Cour-Bayou Teche.

improvement, four thousand dollars. Improving Bayou Teche, Louisiana: Continuing improvement, six thousand five hundred dollars.

Bayou D'Ar-

Improving Bayou D'Arbonne, Louisiana; from mouth

to Stein's Bluff, five thousand dollars.

Bayou Pierre.

Continuing examination and for the thorough survey of Bayou Pierre, Louisiana; eight thousand six hundred

LoggyBayou, Lake Bistenau, Dorcheat Cane River.

Improving Loggy Bayou, Lake Bistenau, and the Dorcheat, Louisiana; five thousand dollars.

Improving Cane River, Louisiana; two thousand five hundred dollars.

Bayou Lafourche.

Improving Bayou La Fourche, Louisiana: Continuing improvement, five thousand dollars, including removing obstructions at the mouth.

Calcasieu River.

Improving Calcasieu River, Louisiana: Continuing improvement, six thousand five hundred dollars; to which is added the sum heretofore appropriated to be used at the mouth of the river.

a Discharges into Bayou Bouf, which latter empties into Berwick Bay (an enlargement of Atchafalaya River) at Morgan City.

Improving Red River, Louisiana and Arkansas: Con-Red River. tinuing improvement from the Atchafalava to Fulton, Arkansas: seventy-five thousand dollars, to be expended as follows: Not exceeding fifteen thousand dollars for revetment to protect the harbor at Alexandria from damage by the current of the river: Not exceeding five thou-Alexandria. and Murphy's Canal; the remainder (including what-Murphy Canal, ever halance may remainder (including whatever balance may remain unexpended from above improvements embraced in this paragraph) to be applied to the improvement of the main channel of the river.

Tangipahoa Improving Tangipahoa River, Louisiana: Continuing River,

improvement, two thousand dollars.

Improving Tensas River and Bayou Macon, Louisiana: Tensas River and Bayou Macon, Bayou Macon, Louisiana: Bayou Macon, Bayou Ma Continuing improvement, four thousand dollars.

Improving mouth of the Brazos River, Texas: Con-Brazos Riv-

tinuing improvement, ten thousand dollars. Improving Buffalo Bayou, Texas: Continuing improve- or Buffalo Bay-

ment, twenty-five thousand dollars.

For survey of the Arkansas River from Little Rock to Arkansas mouth, nineteen thousand dollars.

Improving Arkansas River at Pine Bluff, Arkansas;

fifty-five thousand five hundred dollars.

Improving Black River, Arkansas and Missouri; twenty thousand dollars, of which sum fifteen thousand dollars are to be expended for a snag-boat and five thousand dollars on the river.

Improving Ouachita River, Louisiana and Arkansas, Ouachita Rivand Black River, Louisiana, including removing wrecks in the harbor of Monroe: Continuing improvement, fifteen thousand dollars.

Improving Saline River [a], Arkansas: Continuing improvement, five thousand dollars.

Improving White River, Arkansas: Continuing im-

provement and survey, thirty five thousand dollars.

Improving Saint Francis River, Arkansas: Continu-River. Francis ing improvement, twelve thousand dollars; of which sum four thousand dollars are to be expended for a snag boat.

For removing obstructions in the Arkansas River from Removal of obstructions its mouth to Wichita, Kansas, thirty-six thousand dollars; from Arkansas and for the protection of the harbor at Fort Smith, River. Arkansas, five thousand dollars.

Improving Big Hatchee River, Tennessee: Continuing en Hatchee Riv-

improvement, two thousand five hundred dollars.

Improving Caney Fork River, Tennessee: Continuing Caney Fork improvement, three thousand dollars.

Improving Clinch River, Tennessee: Continuing im- Clinch River.

provement, five thousand dollars.

Improving Cumberland River, Tennessee and Ken-Cumberland tucky: Continuing improvement below Nashville, includ- and Ky.

a A tributary of Ouachita River.

Black River.

Saline River.

White River.

[1884.

ing bar at mouth of the river, seven thousand five hundred dollars.

Cumberl and River above

For the improvement of the Cumberland River above Nashville, fifty thousand dollars; and such improvement shall be made according to the recommendations of Major W. R. King, engineer in charge, contained in the letter of the Secretary of War, March fifteenth, eighteen hundred and eighty-four, Senate Executive Document Number One Hundred and Twenty-nine, first session, Forty-eighth  $\mathbf{Congress}$ .

French Broad River.

Improving the French Broad River, in Tennessee: Continuing improvement, three thousand five hundred dollars.

Hiwassee Riv-

Improving Hiawassee River, Tennessee: Continuing improvement, two thousand five hundred dollars.

South Forked Deer River.

Improving South Forked Deer River, Tennessee: Continuing improvement, two thousand dollars.

Tennessee River above Chattanooga.

Improving Tennessee River above Chattanooga: Continuing improvement, three thousand dollars.

Tennessee River, Ala. and

Improving Tennessee River, Tennessee, Alabama, and Kentucky: Continuing improvement below Chattanooga (including Muscle Shoals and shoal at Reynoldsburg). three hundred and fifty thousand dollars.

South Fork of Cumberland River. Kentucky River.

Improving South Fork of Cumberland River, Kentucky: Continuing improvement, four thousand dollars. Improving Kentucky River, Kentucky: Continuing

Tradew a ter River.

improvement, two hundred and fifty thousand dollars. Improving Tradewater River, Kentucky: Continuing improvement, two thousand dollars.

Falls of Ohio River at Louis-

Improving Falls of the Ohio River at Louisville, Kentucky: Continuing improvement in pursuance of the last plan of the engineer in charge; three hundred thousand dollars; of which sum such amount as may be necessary, not exceeding five thousand dollars, shall be expended in the erection of a stone pillar or pier on the southern side Indiana of the Indiana Chute, provided the engineer in charge

Chute. shall decide that such a structure will aid in the navigation thereof.

Detroit Riv-

Improving Detroit River, Michigan: Continuing improvement, two hundred thousand dollars.

Hay Lake channel, St. Marvs River.

Improving Hay Lake Channel, Saint Mary's River, Michigan: Continuing improvement, one hundred and twenty-five thousand dollars.

Saginaw Riv-

Improving Saginaw River, Michigan: Continuing improvement, fifty thousand dollars; of which sum twenty-Channel, Bay five thousand dollars are to be used opposite Bay City for deepening the channel from the river into the bay, and remainder on the river above Bay City.

Grand River, below Grand

City.

Rapids.

Improving Grand River below Grand Rapids, Michigan: Continuing improvement, twenty-five thousand dol-

Cedar River.

Improving mouth and harbor of Cedar River, Michigan: Continuing improvement, fifteen thousand dollars.

Improving Chippewa River and its mouth, Wiscon-River.

sin: Continuing improvement, fifteen thousand dollars.

Improving Fox and Wisconsin Rivers, Wisconsin: Continuing improvement, one hundred and sixty thousand consin rivers. dollars; of which sum ten thousand dollars [a] are to be used for maintaining the channel between Depere and pere and Green Green Bay: Provided, That in order to carry into effect Bay.

Proviso. the river and harbor act of August second, eighteen hun- 203, dred and eighty-two, for lowering the water in Lake Winnebago, the Secretary of War is hereby authorized to 418 acquire for the United States, by purchase, voluntary or by condemnation under the laws of Wisconsin, as the case may be, the necessary lands and sites at the Menasha Dam: and so much of the foregoing sum hereby appropriated as may be necessary may be used for such purpose.

Improving Saint Croix River, Wisconsin: Continuing st. improvement below Taylor's Falls, nine thousand dollars. River.

Improving Wabash River by lock and dam at Grand er. Rapids, Indiana and Illinois: Continuing improvement, thirty thousand dollars; also between Vincennes and Terre Haute, ten thousand dollars.

Improving White River, Indiana: Continuing im-

provement below Hazleton, ten thousand dollars.

Improving Illinois River, Illinois: Continuing im-

provement, one hundred thousand dollars.

Improving Calumet River, Illinois: Continuing im- Ca River. provement, fifty thousand dollars: Provided, however, That no part of said sum shall be expended until the right of way shall have been conveyed to the United States, free from expense, and the United States shall be fully released from all liability for damages to adjacent property-owners, to the satisfaction of the Secretary of War.

Improving Gasconade River, Missouri: Continuing im- Gas

provement, five thousand dollars.

Improving the Red River of the North, Minnesota and Red River fine North, Dakota: Continuing improvement, ten thousand dollars.

Improving Yellowstone River, Montana and Dakota: Yellowstone River. Continuing improvement between Glendive and the

mouth of the river, twenty thousand dollars.

Improving Sacramento and Feather Rivers, California: Continuing improvement, forty thousand dollars; one-rivers. half of which sum shall be expended on the Sacramento River and one-half on Feather River: Provided, That no part of said sum, or of the money now on hand to the credit of this fund, except what may be necessary for snagging and dredging operations, shall be used, except as herein provided, until the Secretary of War shall have been satisfied of the cessation of hydraulic mining on said rivers and their tributaries; and of the amount now on hand to the credit of the fund for the improvement of said

Chinnewa

Fox and Wis-

Channel, De-Bay. Proviso. Vol. 22, p.

Ante, p. 375. Vol. 25, p. Post, p. 508.

White River.

Illinois Riv-

Calumet *Proviso.* Vol.33,p.239. *Post*, p. 1048.

Gasconade

Red River of

Yellowstone

Sacramento Post, p. 540. Proviso.

a The river and harbor act of Aug. 11, 1888, provides that this sum shall be used in buoying, straightening, and further deepening the channel between said cities.

host.

Chehalis Riv-

Missouri Riv-

er.

er.

rivers, the sum of forty thousand dollars, or so much Appropriathereof as may be necessary, is hereby appropriated for the immediate construction of a first-class dredge-boat, to be used, in the discretion of the officer in charge, on the rivers emptying into Suisun and San Pablo Bays.

Improving San Joaquin River and Stockton and Mor-San Joaquin River; Stock-ton and Mor- mon Sloughs, California: Continuing improvement, mon sloughs. twenty thousand dollars.

Mokelumne Improving Mokelumne River, California, eight thou-River. sand five hundred dollars.

Improving Colorado River, Nevada and California, and Arizona Territory, between Fort Yuma and a point Colorado River. thirty miles above Rioville, twenty-five thousand dollars.

Improving the mouth of the Columbia River, Oregon Mouth of Co-lumbia River. and Washington Territory: Commencing improvement, in accordance with the plan recommended by the majority of the board of engineers in eighteen hundred and eightvtwo, one hundred thousand dollars.

Columbia Improving Columbia River, at Cascades, Oregon: Con-River, at Castinuing improvement, one hundred and fifty thousand cades. dollars.

Columbia and Willa-mette rivers. Improving Columbia and Lower Willamette Rivers below Portland, Oregon: Continuing improvement, one hundred thousand dollars.

Upper Co-lumbia and Improving Upper Columbia and Snake Rivers, Oregon and Washington Territory: Continuing improvement, Snake rivers. twenty thousand dollars.

Willamette Improving Willamette River above Portland, Oregon: River above Portland. Continuing improvement, ten thousand dollars. Coquille Riv-Improving mouth of Coquille River, Oregon: Contin-

uing improvement, ten thousand dollars.

Improving Chehalis River, Washington Territory: Continuing improvement, two thousand five hundred dollars.

Cowlitz Riv-Improving Cowlitz River, Washington Territory: Continuing improvement, two thousand dollars. Skagit, Stila-guamish, Nook-

Improving the Skagit, Stillaguamish, Nootsack Snosak, Snoho-homish and Snoqualmie Rivers, Washington Territory: qualmie rivers. Continuing improvement, ten thousand dollars.

Missouri Riv-Improving Missouri River from its mouth to Sioux er from mouth,

City, Iowa, including such harbors on said river as in the judgment of the board of engineers herein created will benefit commerce and navigation, five hundred thousand dollars.

That a Commission to be called the Missouri River Comer Commission mission [a] is hereby created, to consist of five members.

created. mission [a] is hereby created, to consist of five members.

Vol. 32, p. 367. Post, p. 1000. That the President shall nominate and, by and with the Appointment advice and consent of the Senate, appoint five Commis-That the President shall nominate and, by and with the sioners, three of whom shall be selected from the Corps of Engineers of the Army and two from civil life, one of whom at least shall be a civil Engineer; and he shall in like manner fill any vacancy in said Commission; and he

a This Commission is abolished by the river and harbor act approved June 13, 1902.

shall designate one of the Commissioners appointed from the Corps of Engineers to be president of the Commission. The Commissioners appointed from the Corps of Engineers shall receive no other pay or compensation continuous than is allowed them by law, and the other two Commissioners shall each receive for their services pay at the rate of two thousand five hundred dollars per annum, out of any money appropriated for the Missouri River: and all said Commissioners shall remain in office subject to removal by the President of the United States.

Compensa-

Duties.

That it shall be the duty of said Commission to superintend and direct such improvement of said river and to carry into execution such plans for the improvement of the navigation of said river from its mouth to its headwaters as may now be devised and in progress, and to continue and complete such surveys as may now be in progress, and to make such additional surveys, examinations, and investigations, topographical, hydrographical, and hydrometrical and to consider, devise, and mature such additional plan or plans, and all such estimates as may be deemed necessary and best, to obtain and maintain a channel and depth of water in said river sufficient for the purposes of commerce and navigation, and to accomplish the objects of this act, and to enable the Commission to perform the duties assigned them the Secretary of War is hereby authorized and directed to transfer to and place under the control and superintendence of said Commission all such vessels, barges, machinery, and instruments, and such plant as may now be provided, devised, or in use on said river, from appropriations heretofore made for said river, or other sources, and when thereto requested by said Commission to detail from the Corps of Engineers such officers and men as may be necessary, and to place in the charge of said Commission any such vessels, machinery, and instruments under his control as may be deemed necessary. And said Commission may, with the approval of the Secretary of War, employ such additional force and assistants, and provide, by purchase or otherwise, such additional vessels, boats, machinery, instruments, and means, as may be deemed necessary; to be paid for by appropriations made or to be made for said river.

Powers.

That the said Commission shall, under the direction That the said Commission shall, under the direction Expenditure and with the approval of the Secretary of War, superin- of appropriations. tend, control, and expend for the purposes of this act all appropriations or unexpended balances heretofore made for the improvement of said river, and which may hereafter be made for said river, or so much thereof as may be necessary, and shall prepare and submit, through the Chief of the Engineer Corps to the Secretary of War, to be by him transmitted to Congress at the beginning of the regular session in December of each year, a full and detailed report of all their proceedings and actions, and of Report of all such plans and systems of work as may now be de-Commission.

Secretary to Commission

vised and in progress and carried out by them, and of all such additional plans and systems of works as may be devised and matured by them, with full and detailed estimates of the cost thereof, and statements of all expenditures made by them; and the Secretary of War may detail from the Corps of Engineers or other corps of the Army an officer to act as secretary of the Commission, to aid them in their work; and all money hereby or hereafter appropriated for the improvement of said Missouri River shall be expended under the direction of the Secretary of War in accordance with the plans, specifications, and recommendations of said Commission when such plans, specifications, and recommendations shall have been approved by Congress.

Missouri River

Minn.

Improving Missouri River from Sioux City, Iowa, to Fort Benton Montana: Continuing improvement, one hundred and twenty-five thousand dollars; of which sum fifteen thousand dollars shall be used in the purchase of a snag-boat to be operated on the Missouri River above Sioux City and on the Yellowstone River.

Missouri River For a survey of the Missouri River above the Missouri above Missouri River Falls. River Falls, at Fort Benton, fifteen thousand dollars.

nemoval of snags, etc., from Missouri River. the Missouri River, fifty thousand dollars. Reservoirs at headwaters of Missouri River of the Missouri River, fifty thousand dollars. For removing snags, wrecks, and other obstructions in

For continuing operations on the reservoirs at the head-Mississippi waters of the Mississippi River, sixty thousand dollars: River. Provided, That the money hereby appropriated shall be Proviso. used solely for the improvement of the navigation of the Mississippi River and its tributaries, and no part thereof shall be expended with the view to the improvement of

private property.

Mississippi Improving Mississippi River from Saint Paul to Des Paul to Des Moines Rapids, including the harbors of Andalusia, Mus-Molnes Rapids. catine, and Fort Madison, and including work for the protection of the bank of the Mississippi River at Winona, Minnesota, and the prevention of its erosion caused by dams erected above the city to improve the navigation of the river: Continuing improvements, two hundred and fifty thousand dollars.

Improving harbor at Lake City, Minnesota: Continu-Lake City.

ing improvement, fifteen thousand dollars.

Mississippi River at Des Improving Mississippi River at Des Moines Rapids, Moines Rapids. Iowa: Continuing improvement, fifty thousand dollars; of which sum ten thousand dollars are to be used in the construction of a pier at the outer wall of the Des Moines Rapids Canal, in accordance with the recommendation of Proviso. the Engineer Corps: Provided, That said pier shall not be made unless the Secretary of War shall decide that the railroad bridge at that place was built in conformity with

the act of Congress authorizing its construction. Dry dock at For the continuation of the construction of the dry-dock Rapids Canal. at the Des Moines Rapids Canal, on the Mississippi River, thirty thousand dollars.

Improving Mississippi River from Des Moines Rapids Mississippi to the mouth of Illinois River, including the river at Moines Rapids Quincy and Quincy Bay, and the removal of the bar at Illinois River. the mouth of Whipple Creek, in said bay: Continuing improvement, two hundred thousand dollars.

Improvements at the Falls of Saint Anthony, Minne- Falls of St. sota: Repairs to and preservation thereof, ten thousand Anthony.

dollars.

Improving Mississippi River from the mouth of Illinois River from River to the mouth of the Ohio River, including the commouth of Illipletion of Alton Harbor, and also, in the discretion of the mouth of Ohio Secretary of War, the improvement of the Illinois shore River. opposite the mouth of the Missouri River: Continuing improvement, five hundred and twenty thousand dollars; fifty thousand dollars of which sum shall be used in extending the work for the protection of the easterly bank of the Mississippi River at Cairo, Illinois, and the prevention of its wash or erosion, commencing at the southerly end of the present Government revetment work and

continuing down stream.

Improving Mississippi River from the head of the Mississippi passes to Cairo, including the improvement and preserva-Head of Passes tion of the harbors of New Orleans, Natchez, Vicksburg, to Cairo. Greenville, Memphis, Hickman, and Columbus, the deflection of the waters of Red River from the Atchafalava. and keeping open a navigable channel through the mouth of the Red River into the Mississippi River: Continuing Appropriation, to be eximprovement, one million three hundred and fifty thoupended under sand dollars; which sum together with the sums herein direction of appropriated for the Mississippi River from the Des war. Moines Rapids to the mouth of the Ohio, shall be expended under the direction of the Secretary of War, in accordance with the plans, specifications, estimates, and recommendations of the Mississippi River Commission: Provided, That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands by overflows: Provided, however, That the Commission is authorized to repair and build levees if in their judgment it should be Duties of Mississippi Rivdone as a part of their plan to afford ease and safety to er Commission. the navigation and commerce of the river and to deepen the channel: Provided further, That in view of the threatened injury to the harbor of Memphis and the Government property at that place and the necessity of immediate protection thereof the sum of two hundred thousand dollars or so much thereof as may be necessary shall be immediately applied to protect said harbor and property out of the foregoing appropriations.

For removing snags, wrecks, and other obstructions in the Mississippi River, seventy-five thousand dollars.

For examinations and surveys at South Pass Mississippi River; To ascertain the depth of water and width veys at South of channel secured and maintained from time to time by Pass.

Proviso.

Proviso.

Duties of

Proviso.

Snags, etc., Mississippi River .

Examina-

James B. Eads at South Pass of the Mississippi River. and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars.

Gauging waters of lower Mississippi.

For gauging the waters of the Lower Mississippi and its tributaries; Annual expense of gauging the waters of the Mississippi River, and its tributaries, continuing observations of the rise and fall of the river and its chief tributaries as required by joint-resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Surveys o f waters.

For continuation of surveys of the Mississippi River Mississippi Riv-between the head of the passes, near its mouth, and its Head of Passes headwaters now in progress; to make additional surveys and its head and examinations of said river and its tributaries: to make such additional examinations and investigations. topographical, hydrographical, hydrometrical as are necessary for maturing a plan for the permanent improvement of the entire river, seventy-five thousand dollars.

Gauging wa-ters of the Columbia River.

For gauging the waters of the Columbia River below Astoria, Oregon, and elsewhere on said river and its principal tributaries, at the discretion of the Secretary of War, one thousand dollars.

Ohio River.

Improving the Ohio River, continuing improvement, six hundred thousand dollars; of which sum, seventy thousand dollars, or so much thereof as may be necessary Completion for the completion of the Davis Island Dam, shall be expended on that work; fifty thousand dollars shall be used in continuing work on the upper and lower dikes

land dam.

Grand Chain, and other improvements at Grand Chain; and seven Ice harbor at thousand five hundred dollars for the ice harbor at the mouth of Ka-mouth of the Great Kanawha and fifty thousand dollars or so much thereof as may be necessary for the improvement of the navigation of the river at Jeffersonville.

and the protection of the Government property.

SEC. 2. That the Secretary of War shall prescribe such Secretary of war to preserve and regulations as may be necessary to secure a etc., to make judicious and economical expenditure of said sums, and gress, in detail, shall cause to be made and submitted to Congress annual all work, con-tracts, expend-reports, on or before January first, giving detailed state-itures, etc., and ments of the work done, contracts made, the expenditures in regard to the work done, contracts made, the expenditures public works in thereunder or otherwise, and the effect of such work, topublic works in the following and of commerce, etc.

Vol. 30, pp. proper to lay before Congress. He shall also report to 1151-1154.

Post, pp. Congress, at its next session, all the instances in the congress.

States in which piers, breakwaters, or other structures or works built or made by the United States in aid of commerce or navigation are used, occupied, or injured by a corporation or an individual, and the extent and mode of such use, occupation, or injury, and the

facts touching the same [a].

He shall also report

a See section 14 of the river and harbor act approved March 3. 1899.

whether any bridges, causeways, or structures, now erected or in process of erection do or will interfere with free and safe navigation, and if they do or will so interfere, to report the best mode of altering or constructing such bridges or causeways so as to prevent any such

obstructions [a]. SEC. 3. That it shall be the duty of the Secretary of Duty of Sec. War to apply the money herein appropriated for improve-in expenditure ments other than surveys and estimates, in carrying on of money for improvements, the various works by contract or otherwise, as may be most etc. economical and advantageous to the Government. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the low- Contracts for work how est responsible bidders, accompanied by such securities made. as the Secretary of War shall require, conditioned for the faithful prosecution and completion of the work according to such contract, and for the prompt payment of all liabilities incurred in the prosecution thereof for labor and material.

SEC. 4. That no tolls or operating charges whatsoever be levied or shall be levied or collected upon any vessel or vessels, collected, etc. dredges, or other passing water-craft through any canal or other work for the improvement of navigation belonging to the United States; and for the purpose of preserving and continuing the use and navigation of said canals, rivers, and other public works without interruption, the actual expenses Secretary of War, upon the application of the chief engi- of operating neer in charge of said works, is hereby authorized to draw certain works his warrant or requisition from time to time upon the in repair, au-Secretary of the Treasury to pay the actual expenses of operating and keeping said works in repair, which warrants or requisitions shall be paid by the Secretary of the Treasury, out of any money in the Treasury not otherwise appropriated: Provided, however, That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers [b].

SEC. 5. That out of the money herein appropriated for Appropriate the Kentucky River the sum of two thousand dollars or so chase of land much thereof as may be necessary may be expended for dam at Beattythe purchase of land for the construction of lock and dam ville, etc. at Beattyville; and so much thereof as may be necessary may also be expended for the same purpose at lock number six: And provided further, That the sum of six thousand dollars authorized by the act approved June fourteenth eighteen hundred and eighty to be expended

a Laws now in force for the protection of navigation interests against obstructions of this nature are contained in sections 9, 10, and 18 of the river and harbor act approved March 3, 1899.

b Pursuant to instructions from the Chief of Engineers district engineers are required to submit each year, for action by the Department, projects and estimates of cost for operating and keeping in repair the works contemplated in this paragraph.

21 Stat., 190.

Removal of for the removal of dams in Yadkin River North Carolina kin River. may be used by the Secretary of War for acquiring the right of way by removal or otherwise of such dams as may be necessary for the contemplated improvement, the said right of way or removal to be obtained by agreement with the parties interested or in event of failure to make a reasonable agreement by condemnation as provided for by the laws of the State of North Carolina.

Material for improvements authorized. how obtained.

Sec. 6 That whenever, in the prosecution and maintenance of the improvement of the Mississippi River and other rivers harbors and public works for which appropriations are herein made it becomes necessary or proper, in the judgment of the Secretary of War, to take possession of material found on bars and islands within the river banks, or other material lying adjacent or near to the line of any of said works and needful for their prosecution or maintenance, the officers in charge of said works may, when they cannot agree as to the price with the owners thereof, in the name of the United States take possession of and use the same after first having paid or secured to be paid the value thereof, which may have been ascertained in the mode provided by the laws of the State wherein such property or material lies: Provided, however, That when the owner of such property or material shall fix a price for the same which in the opinion of said officer in charge, shall be reasonable, he may take the same at such price without further delay. The Department of Justice shall represent the interests of the United States in the legal proceedings under this act.

Proviso.

SEC. 7 That it shall be the duty of the Secretary of Des Moines SEC. 7 That it shall be the duty of the Secretary of Rapids Canal, War to prescribe such rules and regulations in respect Talls Canal, to the use and administration of the Des Moines Rapids and Louisville and Portland Canal [a], the Saint Mary's Falls Canal, and the Louis-Canal: Secretary of War to ville and Portland Canal [b], as in his judgment the prescribe rules public necessity may require; which rules and regulations govern tions shall be posted in some conspicuous place for the ing use, etc., information of the public. Any person knowingly and vols. 25, p. wilfully violating such rules and regulations shall be 497; 26, p. 445; liable to fine not exceeding five hundred dollars, or imp. 374. Post, prisonment not exceeding six months; to be enforced in pp. 533, 585, prisonment not exceeding six months; to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been com-

mitted.

b By act approved Sept. 26, 1888, the provisions of this section are made applicable also to the St. Clair Flats Canal, Mich.

a Section 14 of the river and harbor act approved Sept. 19, 1890, makes the provisions of this section applicable also to the Des Moines Rapids Canal dry dock. Such regulations are now prescribed pursuant to the provisions of section 4 of the river and harbor act of Aug. 18, 1894, as amended by sections 6 and 11 of the river and harbor act approved June 13, 1902.

Sec. 8 That whenever the Secretary of War shall have Bridges over good reason to believe that any railroad or other bridge ers of United now or hereafter to be constructed over any of the navi- ing navigation; gable waters of the United States, under authority of the companies own-United States or of any State or Territory, is an obstruc-struct and tion to the free navigation of such waters, by reason of booms, dikes, difficulty in passing the draw-opening or the raft-span and other aius of said bridge, by rafts, steamboats, or other water-craft, tion. it shall be the duty of the said Secretary, on satisfactory 424, 425. proof thereof, to require the company or persons owning, controlling, or operating said bridge to cause such aids 453. or of both said draw-opening or of said raft-span, Vol. 30, pp. or of both said draw-opening and raft-span to be con- 1153, 1154. structed, placed, and maintained of the said structed. expense, in the form of booms, dikes, piers, or other suitable and proper structures for the guiding of said rafts, steamboats, and other water-craft safely through said opening or span, or both said opening or span, as shall be specified in his order in that behalf; and on fail- Failure to ure of the company or persons aforesaid to make and es-maintain, etc., tablish such additional structures within a reasonable penalty. time, the said Secretary shall proceed to cause the same to be built or made at the expense of the United States, and shall refer the matter without delay to the Attorney-General of the United States, whose duty it shall be to institute, in the name of the United States, proceedings in any circuit or district court of the United States in which such bridge, or any part thereof, is located, for the recovery of the cost thereof; and all moneys accruing from such proceedings shall be covered into the Treasury of the United States: Provided, That no greater sum than fifteen thousand dollars shall be required to be expended upon any one bridge in a single year: Provided further, That such sum of money as may be necessary to execute the provisions of this act is hereby appropriated, out of any money in the Treasury of the United States not otherwise appropriated, to be paid on the requisition of the Secretary of War [a].

SEC. 9 That the Secretary of War is hereby directed, at Examinations and surhis discretion, to cause examinations or surveys or both, veysand estimates of cost of improvements proper to be made,

at the following points, namely:

Post, p. 517. Vol. 26. p.

Appropria-

## ALABAMA.

Alabama.

Mobile River and Harbor, from lower anchorage up to the northern limits of the city of Mobile, with a view to securing twenty-three feet depth of water.

 $<sup>^{\</sup>alpha}$  This section is amended by the river and harbor acts of Aug. 11, 1888 ( secs. 9 and 10), Sept. 19, 1890 (secs. 4 and 5), and Mar. 3, 1899 (sec. 18).

H. Doc. 425, 58–3——27

Arkansas.

ARKANSAS.

Little Red River.

Red River, above Fulton.

Petit Jean River.

Bayou Bartholomew, from present head of navigation to Lincoln County line.

California.

CALIFORNIA.

Islias [Islais] Creek, off San Francisco Bay.

Yuba River.

San Mateo River.

Napa River, from the mouth thereof to Napa City.

Connecticut.

CONNECTICUT.

Breakwater at Falkner's Island. River and harbor at Niantic.

DELAWARE, MARYLAND, AND VIRGINIA.

Delaware. Maryland. Virginia.

Lewes Creek and Rehoboth Bay, Delaware, Assateaque [Assateague] and Chincoteaque [Chincoteague] Bays, Maryland, with a view to form continuous inland navigation from Chincoteaque [Chincoteague] Bay, in Virginia to Delaware Bay, at or near Lewes, Delaware.

Florida.

FLORIDA.

Outer and inner bar at the entrance of Pensacola Harbor:

Anclote Harbor:

Clearwater Harbor.

Wekeiva River.

Saint Augustine Harbor.

Musquito Inlet.

Amelia and Wacissa rivers.

Homosassa Bav.

For canal and inland communication from the St. John's River through Mosquito Lagoon and Indian River to Jupiter Inlet and Lake Worth, Florida.

Charlotte Harbor, Florida.

Georgia.

GEORGIA.

Darien Harbor and the Altmaha [sic] River, from Darien to its mouth.

Upper Oconee River, from Skull Shoals to the Georgia Railroad Bridge.

Illinois.

ILLINOIS.

Calumet River, from a point half a mile east of Hammond to the forks of the river. Also to make survey of proposed ship-canal from Calumet River to Lake Calumet.

Sny Island Levee on the Mississippi River; and the Secretary of War shall report what benefit, if any, this levee has been to the improvement of the channel and navigation of the river, and he shall submit an estimate of the probable cost of strengthening and preserving said levee so as to assure and maintain that benefit.

Shawneetown Harbor and Levee.

Removal of the bar and obstructions at and near the mouth of Whipple Creek, in Quincy Bay.

### TOWA.

Iowa.

From Guttenberg north for the ascertainment of needed improvements and in securing a direct channel pointing to Guttenberg and by way of that channel south, and the protection of improvements already made at that locality.

### INDIANA.

Indiana.

Lawrenceburg Harbor.

Kankakee River.

New Albany Harbor and the river and shores adjacent to said harbor.

Wolf Lake.

Wabash River, from Logansport to Delphi.

## KENTUCKY.

Kentucky.

For examination and survey of the bar in the Ohio River opposite the mouth of the Licking River, to determine the cost and practicability of removing or making a navigable channel through the same; and the engineer in charge shall report whether it is practicable to connect the navigation of the Licking River with the Ohio River without the removal of the said bar or making a channel through the same.

The Secretary of War is hereby directed to report to Congress at its next session, or sooner if practicable, the condition of Green and Barren Rivers, and the Cumberland River above the mouth of the Jellico, in Kentucky, and the provisions and estimate of cost necessary to relieve the same from incumbrance, with a view to such legislation as will render the same free to commerce at the earliest practicable period.

Harbor at Paducah.

Harbor at Owensboro'.

Little River.

Rough River.

## LOUISIANA.

Louisiana.

Bayou Plaquemine. Atchafalaya River, above Berwick Bay. Outlets of Boeuf River, with view to closing same. Bayou Carlin. Natalbany River. Maine.

MAINE.

Saco River. York Harbor.

Wood Island Harbor.

Southern entrance to Owl's Head Harbor.

Maryland.

MARYLAND.

Tuckahoe Creek. Skipton Creek.

Sassafras River, above Georgetown.

Harbor at Easton Point, commencing at a point on Third Haven [Tred Avon] River where the Government work on the channel of said river was recently suspended.

Pocomoke River and Sound.

Massachusetts.

# MASSACHUSETTS.

Harbor at Gloucester, with a view to the removal of rock obstructions.

Fort Point Channel [Boston Harbor].

Powow River.

Harbor at Salem, with a view to building a jetty running out from the mainland to deep water.

Harbor at Marblehead, for repair of sea-wall.

Harbor at Hingham.

Harbor at Hyannis, with a view of deepening the harbor.

A channel from Goose Point, in Plymouth Harbor, to the wharf of the Cordage Company.

Michigan.

## MICHIGAN.

The State of Michigan having tendered to the United States the balance of tolls received by the State before the surrender of the Saint Mary's Falls Ship-Canal, to aid in constructing a dry-dock at the canal, such balance being about sixty thousand dollars, the Secretary of War is directed to cause plans, estimates, and specifications for such dry-dock, above the locks, and also to report whether the old locks can be used for a dry-dock, and the cost of fitting the same for that purpose.

Lac La Belle Harbor.

Mackinac Harbor; and report whether Mackinac Harbor or Mackinac Island Harbor should be improved.

Little Traverse Bay, near the village of Petoskey, with a view to constructing a harbor of refuge.

Pine River, St. Clair County.

Clinton River.

Saint Clair River: Examination and survey of the right bank from Lake Huron to Lake Saint Clair, to ascertain whether the erosion and wearing away of said bank is injuring the navigation of Saint Clair River and Saint Clair Flats Canal by shoaling the channel and obstructing navigation therein, and to report estimates of expense for.

preventing such injury.

For a further and more complete survey for a breakwater at or near Cross Village, in Michigan, in the west part of the Straits of Mackinac, with a view of making a harbor of refuge at Cross Village, Michigan.

## MINNESOTA.

Minnesota.

Agate and Burlington Bay.

Minnesota, and Minnesota and Wisconsin, Saint Louis Bay, and Saint Louis River, from Connor's Point, Wisconsin, and Rice's Point, Minnesota, to foot of first falls.

Big Stone Lake, and Lake Traverse, with a view to

connecting them.

# MISSISSIPPI.

Mississippi.

Bayou Pierre. Deer Creek.

Pascagoula River, from the mills at Moss Point down to the anchorage in the bay, with a view to securing a uniform depth of twelve feet of water.

Back Bay at Handsboro' [a]. Homochitto and Buffalo Rivers. Cassidy's Bayou.

#### MISSOURI.

Missouri.

Yazoo Pass [b], to determine the cost of a lock at that place.

Osage River, from mouth to Linn Creek, with a view

to movable locks and dams.

Nish-na-botna River, with a view to increasing the depth of channel in the Missouri River.

## NEW HAMPSHIRE.

New Hamp-

Harbor at Portsmouth, from the sea to the wharf.
Little Harbor at Portsmouth, with a view to its improvement as a harbor of refuge.

Winnipeseogee [Winnepesaukee] Lake, at a point called

"The Weirs."

### NEW JERSEY.

New Jersey.

Hudson River, on the New Jersey side, from Weehawken to Bergen Point, Hudson County, New Jersey, with a view to deepening the water at the wharf on that side.

Corson's Sound and Townsend Inlet.

Mouth of Salem River.

Harbor of Atlantic City at Absecon Inlet.

a Handsboro is situated on Bayou Bernard, about 2½ miles from its mouth. The bayou empties into Back Bay.

b For description of this pass see footnote on page 389.

New York

NEW YORK.

Huntington Harbor.

Horton's Point, near Dutch Pond Point, for breakwater.

Salmon River [a], at and below Fort Covington.

Whitehall Harbor.

Lake Champlain, at Four Channels.

Hudson River, from Troy to mouth of canal.

Scajaquada Creek at Buffalo.

Baldwin River, at Baldwin Station, to connect with Long Beach.

Mouth of the Saranac River, at Plattsburgh.

Niagara River, from Youngstown to Lake Ontario.

Mouth of Salmon River [b], and the inner natural harbor thereat, on Lake Ontario, New York, with a view of making a harbor of refuge for vessels in distress and for purposes of commerce and navigation.

North Caro-· lina

NORTH CAROLINA.

Black River.

Pasquotank River, above mouth of canal. Perquimons River, above Hartfort [sic].

Green River.

Cashie River, from its mouth to the town of Windsor. in Bertie County.

Bouge [Bogue] Sound, between New River and Beau-

Northeast branch of Cape Fear River, resurvey.

Ohio.

OHIO.

Scioto River.

Muskingum River.

At Cleveland, Ohio, on the opening and improving of the channel known as the old "river bed" of the Cuvahoga River.

Oregon.

OREGON.

Bar at the mouth of the entrance to Nehalim Bay and River.

Pennsylvania.

PENNSYLVANIA.

West Branch of the Susquehanna River, between Salt Lick and Buttermilk Falls.

Rhode Island.

RHODE ISLAND.

Pawcatuck River.

Warren River, with a view to the removal of obstructions from the channel.

a A tributary of St. Lawrence River.

b Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth.

## SOUTH CAROLINA.

South Caro-

North Fork of the Edisto River, in the counties of Orangeburg and Lexington.

Congaree River.

Entrance to Winyaw Bay, near Georgetown.

### TENNESSEE.

Tennessee.

Elk River, Tennessee and Alabama.

Holston River.

Extension of the survey of Caney Fork River to Frank's Ferry.

#### TEXAS.

Texas.

Cypress Bayou: The Secretary of War is hereby directed to cause a resurvey of the work of improvement of the navigation of Cypress Bayou and the lakes between Jefferson, in Texas, and Shreveport, in Louisiana, in order to ascertain if the necessary improvement cannot be made upon some other plan than building a dam across the Albany Flats, as recommended by the engineer; and for this purpose he is hereby authorized and directed to expend so much of the unexpended balance of appropriations to the credit of said work as may be necessary.

# VERMONT.

Vermont.

Maquam Bay, Swanton.

# VIRGINIA.

Virginia.

Cockpit Point [Potomac River], for ice-harbor. Colonial Beach [Potomac River], formerly White Point, in county of Westmoreland.

## WEST VIRGINIA.

West Vir-

ginia.

Green Brier River.

### WISCONSIN.

Wisconsin.

Ashland Harbor, in Ashland Bay, Lake Superior.

#### IDAHO TERRITORY.

Idaho.

Cœur d'Alene Lake and River.

Saint Joseph's River.

Snake River, between Lewiston and mouth of Boise River.

## WASHINGTON TERRITORY.

Washington Territory.

Olympia Harbor. Puyallup River. Willapah River. Lewis River. Columbia River, above mouth of Snake River.

Appropriation examinations, surveys, etc., not other-wise provided for. Proviso.

For examinations, surveys, and contingencies, and for incidental repairs, for which there is no special appropriation, for rivers and harbors, one hundred and twentyfive thousand dollars: Provided. That no survey shall be made of any harbors or rivers until the Chief of Engineers shall have directed a preliminary examination of the same by the local engineer in charge of the district,

Congress: printing.

Preliminary or an engineer detailed for the purpose; and such local examinations, of the confidence detailed engineer shall report to said Chief of Engi-be made to neers whether, in his opinion, said harbor or river is worthy of improvement, and shall state in such report fully and particularly the facts and reasons on which he bases such opinion, including the present and prospective demands of commerce. And it shall be the duty of the Chief of Engineers to direct the making of such survey if, in his opinion, the harbor or river proposed to be surveyed be worthy of improvement by the General Government; and he shall report to the Secretary of War the facts, and what public necessity or convenience may be subserved thereby, together with the full reports of the Said reports of preliminary examinalocal engineer. tions and surveys shall be made to the House of Representatives, and are hereby ordered to be printed when so made.

Appropri-ations immedi-Sec. 10. That all moneys hereby appropriated shall be ately available. immediately available.

Approved, July 5, 1884.

CHAP. 231.—An Act Granting the consent of Congress to the July 5, 1884. Vol. 23, p. 154. Saint Cloud Water Power and Mill Company to construct a dam

across the Mississippi River at Saint Cloud, Minnesota.

Minn., authorized.

tives of the United States of America in Congress assem-Construction bled. That the consent of Congress is hereby granted to of dam, etc., across Missis. the Saint Cloud Water Power and Mill Company to consippi River, St. struct across the Mississippi River, at some point within the incorporated limits of the city of Saint Cloud, a dam, canal, and works necessarily incident thereto, for water-

Be it enacted by the Senate and House of Representa-

Wagon foot bridge. Sauk Rapids.

and power and other purposes, and in connection therewith a wagon and foot-bridge for public travel: Provided, That Not to inter-said dam shall be so constructed as not to interfere with and mill at the existing dam and mill at Series B. at the existing dam and mill at Sauk Rapids, and so that the Government of the United States can at any time construct in connection therewith a suitable lock for nav-Proviso. igation purposes: Provided also, That the Government Government of of the United States may at any time take possession of

said dam, and control the same for purposes of naviga-

tion, by paying said company the actual cost of the same, but shall not do so to the destruction of the water-power

United States reserved.

created by said dam: Provided further, That the works be constructed so as to provide for the free passage of of saw logs, saw-logs and rafts, and, when necessary, to permit the rafts, etc. passage of boats; and, further, that such changes or modifications in the works as the Secretary of War may from time to time deem necessary in the interest of navigation shall be made, at the expense of the water-power company: Provided further, That in case of any litigation arising from the obstruction of the channel by the dam, canal, or bridge, the cause may be tried in the district court of the United States in which the works are situated.

Proviso.

Proviso.

Sec. 2. That the right to amend, alter, or repeal this act is hereby expressly reserved.

Approved, July 5, 1884.

CHAP. 332.—An Act Making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes,

July 7, 1884. Vol.23,p.194.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums be, and the same are tions. hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, namely:

Appropria-

For the Mississippi River Commission, as follows: For salaries and traveling expenses of the Mississippi Mississippi River Commis-River Commission, and for salaries and traveling ex-sion. penses of assistant engineers under them, and for office expenses and contingencies, seventy-five thousand dollars.

To reimburse and pay the Hartford and New York Hartford and Transportation Company for labor and money expended Transportain removing obstructions and dredging and improving tion Co.; paythe bars and piers in the Connecticut River, below Hart-Reaprlated ford, in eighteen hundred and eighty-two and eighteen hundred and eighty-three, under the advice and by the recommendation of the United States engineer officer in charge, six thousand four hundred and seventy-nine dollars and thirty-two cents.

Reappro-

Vol.23,p.496. Post, p. 427.

To reimburse and pay the Hartford and New York Transportation Company for money expended in maintaining a temporary light on the breakwater at the mouth of the Connecticut River from February first, eighteen hundred and seventy-nine, to February first, eighteen hundred and eighty-four, while the work was in progress, and under an arrangement with the United States engineer officers in charge of the work, the same to be paid from the unexpended appropriation for the erection of a Government light there, made in eighteen hundred Gost

and eighty-two, and to be immediately available, two thousand one hundred and twenty-four dollars.

Approved, July 7, 1884.

CHAP. 4 .- An Act Granting the right of way to the city of Dec. 20, 1884. Vol. 23, p. 280. Newport, Rhode Island, over the breakwater at Goat Island.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Right of way bled, That the city of Newport, Rhode Island, is hereby of Newport, granted the right to construct and maintain a sewer for R. I., across drainage purposes through or across the breakwater at Island Goat Island, subject to such conditions as the Secretary Goat Islai for drainage. of War may prescribe: Provided, That such conditions Proviso. shall be accepted by the city of Newport before the work herein authorized shall be commenced.

Approved, December 20, 1884.

Mar. 3, 1885. CHAP. 359.—An Act Making appropriations to supply defi-Vol. 23, p. 446. ciencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for prior years, and for other purposes.

> Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

Attorney The Attorney General of the United States is required General United States to in- to investigate the judgments and awards against the vestigate judg United States arising under an act of Congress entitled against United "an act to aid in the improvement of the Fox and Wisagainst United "an act to aid in the improvement of the Fox and Wisstates, arising under act ap-consin Rivers in the State of Wisconsin" approved v. 18, c. 166, March third, eighteen hundred and seventy-five, and to p. 506, and re-report to Congress at its next session whether the liability part to Congress at the refer is cetablished and what of the United States therefor is established and what gress. amount is justly due thereon.

Approved, March 3, 1885.

CHAP. 360.—An Act Making appropriations for sundry civil Mar. 3, 1885. Vol. 23, p. 478. expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Appropria- bled, That the following sums be, and the same are dry civil ex- hereby, appropriated for the objects hereinafter expenses for year ending June 30, pressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, namely:

That the Secretary of the Treasury is hereby author-New York ized to issue a warrant in favor of the Hartford and New Transportation York Transportation Company for the sum of six thou-to.

Reappropria-York Transportation Company for the same and thirty-Reappropriation sand four hundred and seventy-nine dollars and thirty-tion. Reappropriated being Vol. 23, p. two cents [a], which sum is hereby reappropriated, being the amount appropriated for said Hartford and New 224 York Transportation Company under the act approved July seventh, eighteen hundred and eighty-four, making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes, and now unpaid.

Ante, p. 425.

Approved. March 3, 1885.

CHAP. 49.—An Act To authorize the Mississippi Water-Power and Boom Company, of Brainard [Brainerd], Minnesota, to con- vol. 24, p 12. struct a dam across the Mississippi River.

Apr. 15, 1886.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the consent of the Government is hereby given Brainard, Minnesota, to construct across the Mississippi Water-Power and Boom Company of Mississippi Brainard, Minnesota, to construct across the Mississippi built by Missis-River, at some point not more than two miles from the Sippi Water-limits of said city of Brainard, to be approved by the Boom Co. of Brainerd, Minn. Secretary of War, a dam, canal and the appurtenances thereof, for water-power and other purposes, and in con-bridge. nection therewith a wagon and foot bridge for public travel: Provided, That the Government of United States may at any time construct in connection therewith a suitable lock for navigation purposes: Provided also. That the Government of the United States may at any Government time take possession of said dam and control the same for session. purposes of navigation, by paying said company the actual cost of the same, but shall not do so to the destruction of the water-power created by said dam: Provided further, That the Secretary of War may at any time require and enforce, at the expense of the owners, such modification and changes in the construction of said dam as he may deem advisable in the interests of navigation; and that said dam shall, if necessary, be so built that boats and rafts may pass through the same, without the imposition of any toll or charge: And provided further, That all suits relative to any obstruction of navigation arising from said dam may be tried in the United States circuit and district courts for Minnesota.

Dam across

Provisos.

Lock.

Navigation.

Litigation.

SEC. 2. That the right to alter, amend, or repeal this act amend, etc. is hereby expressly reserved without any claim of any reserved.

a For labor and money expended in removing obstructions and dredging and improving the bars and piers in Connecticut River below Hartford, Conn.

kind arising in favor of any party in consequence of such amendment or repeal.

Approved, April 15, 1886.

CHAP. 70.—An Act Authorizing the partition of certain land May 1, 1886. Vol. 24, p. 17. in Louisville, Kentucky, belonging jointly to John Echols and the Government of the United States.

Partition of land owned by John Echols tucky, adjoining the Louisville and Portland Canal, and and the United States in Louisville, Ken-Brand Canal, and known as "Rowan's Basin," is owned by the United States of America and by John Echols in the following Preamble. proportion and under the following conveyances, to wit: The United States, as the proprietor of the Louisville and Portland Canal and the owner of all the stock of the Louisville and Portland Canal Company, owns an undivided three-eighths of said real estate, by virtue of the following deeds: One from R. H. Campbell and others to the Louisville and Portland Canal Company, recorded in deed-book numbered one hundred and thirty-five, page four hundred and twenty-three, and one from George H. Douglas to said canal company, recorded in deed-book numbered one hundred and thirty-seven, page four hundred and two, both in the Jefferson County, Kentucky, clerk's office; and said John Echols owns an undivided five-eights of said real estate, under and by virtue of the following deeds to him, to wit: One from Eliza H. Boone and others, recorded in deed-book numbered two hundred and fifty-five, page one hundred and thirty-four; one from Rebecca B. Rowan, trustee, and others, recorded in deed-book numbered two hundred and fifty-four, page three hundred and eighty-two; one from Rowan Buchanan and others, recorded in deed-book numbered two hundred and fifty-four, page three hundred and sixtytwo; and one from Samuel J. Broadwell and others, recorded in deed-book numbered two hundred and fiftyfour, page six hundred and two, all in the Jefferson County, Kentucky, clerk's office; and it is to the interest of both parties that partition shall be made of said real estate: Therefore.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assemsertary of bled, That the Secretary of War of the United States is with Echols as hereby authorized and empowered to agree with said Echols, his heirs or his assigns, upon such partition of said real estate as may seem to the Secretary of War to be just and proper, and may, in the name of and on behalf of the United States of America, make, execute, and deliver to said Echols, his heirs or his assigns, and receive from him or them, such deed of conveyance as may effectuate the partition herein provided for.

Sec. 2. That this act shall take effect from its passage. Approved, May 1, 1886.

to partition.

CHAP. 71.—An Act Granting the right of way to the Schuyl-kill River East Side Railroad Company through the arsenal and Vol. 24, p. 17. naval asylum grounds at Philadelphia, Pennsylvania,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the Schuvlkill River East Side Railroad Company is hereby authorized to construct its railroad across schuylkill the grounds of the United States forming a part of the River East to the grounds of the United States forming a part of the River East Side R. R. Co. grounds of the naval asylum and of the arsenal at Phil-across arsenal adelphia, in the State of Pennsylvania; \* \* \* And and naval asyprovided further, That in the construction of said road Philadel phila,
Pa. through said grounds the said company shall be required to construct thereon a bulkhead upon the bulkhead line Bulkhead. on the Schuvlkill River, as fixed by the port-wardens of the city of Philadelphia.

Right of way

Approved, May 1, 1886.

CHAP, 377.—An Act Making appropriation to supply deficiency May 26, 1886. in amount required for expenditure to June thirtieth, eighteen Vol. 24, p. 70. hundred and eighty-six, for examination and surveys required by acts of March third, eighteen hundred and seventy-five, and June nineteenth, eighteen hundred and seventy-eight, to ascertain depth of water and width of channel at South Pass of Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sum be, and the same is hereby, Mississippi bled, That the following sum be, and the same is hereby, Mississippi appropriated out of any money in the Treasury not other-reversiver. wise appropriated, to wit: To supply deficiency in propriation for amount required for expenditure to June thirtieth, eight examination een hundred and eighty-six, for examinations and surveys to expend the examination of water and very required by the acts of March third, eighteen hundred and eighty-six, for examinations and surveys to expend the examination of water and width of changes of the examination of the examinati dred and seventy-five, and June nineteenth, eighteen with of with or chanhundred and seventy-eight, to ascertain the depth of 463. water and width of channel secured and maintained from V time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report to Congress during the maintenance of the work, six thousand four hundred and ninety-two dollars.

SEC. 2. That the money hereby appropriated shall be Appropriation immediately available.

available.

Approved, May 26, 1886.

CHAP. 623.—An Act To authorize the improvement of the July 3, 1886. water-power of the Mississippi River at Little Falls, Minnesota. Vol. 24, p. 123.

Be it enacted by the Senate and House of Represent xtives of the United States of America in Congress assembled. That it shall be lawful for the Little Falls Water-

Little Falls Power Company of Minnesota to improve and develop Co., may build the water-power in the Mississippi River at Little Falls, dam, etc., at little rails, in the State of Minnesota, by constructing, maintaining, Mississippi and operating in said river, at said Little Falls, dams, River, Minn. piers, sluice ways, canals, locks, ponds, breakwaters, abutments, and mill sites for manufacturing purposes:

Provisos.

Provided, That there shall be placed and maintained in Sluiceway, connection with said dam and other works a sluice-way. etc., for pas-sage of logs,etc. lock, or other fixture sufficient and so arranged as to permit logs, timber, and lumber to pass around, through, or over said dam or other works without unreasonable delay

or hindrance, and without tolls or charges: Provided further, That the Secretary of War may at any time require such changes and alterations to be made in said works, at the expense of said water-power company, as he may deem advisable and necessary in the interest of navigation.

Sec. 2. That the right to alter, amend, or repeal this

act is hereby expressly reserved.

Approved, July 3, 1886.

Aug. 2, 1886. CAHP. 843.—An Act To authorize the Secretary of War to Vol. 24, p. 214, permit the Carrollton and Lock Number One Turnpike Road Company to locate and construct its road on land belonging to the United States at Lock Number One, on the Kentucky River, in the State of Kentucky.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Right of way bled, That the Secretary of War be, and is hereby, auto Carrollton and Lock No. 1 thorized and empowered to permit the Carrollton and Turnpike Road Co. through Lock Number One Turnpike Road Company to locate United States and construct its road through the land belonging to the land at Lock Number One, on the Kentucky No. 1, Kentucky River, River, in the State of Kentucky, upon such terms and River, in the State of Kentucky, upon such terms and conditions as he may consider proper: Provided, That said road shall not be so located or constructed as to obstruct the use of the said land by the United States for public purposes.

Approved, August 2, 1886.

CHAP. 903.—An Act Making appropriations to supply de-Aug. 4, 1886. Vol.24,p.256, ficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for prior years, and for other purposes.

> Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the

Changes.

Ky. Location.

appropriations for the fiscal year eighteen hundred and eighty-six, and for other objects hereinafter stated, namelv:

For payment [a] of judgments and awards recovered Payment of against the United States reported by the Attorney- on account of General under the provisions of chapter three hundred improvement of and fifty-nine of the laws of eighteen hundred and eighty- consin rivers.

The arranged March third eighteen hundred and eighty- vol.23,p.451. five, approved March third, eighteen hundred and eightvfive. Executive Document (first session Forty-ninth Congress) number two hundred and seven, as follows: To pay Augustus G. Ruggles amount of judgment recovered by him against the United States for damages and costs, twenty-two thousand two hundred and eighty-seven dollars and six cents [b]; to pay James K. Pumpelly, Edwin C. Gray, and Frank L. Jones, as administrator of the estate of George J. Pumpelly, deceased, amount of judgment recovered by them against the United States, December thirteenth, eighteen hundred and seventy-six, ten thousand one hundred and sixty-four dollars and fifty-seven cents; to pay John S. McDonald amount awarded him against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha. Wisconsin, seventeen thousand five hundred and eighty-seven dollars and seventy-three cents; to pay Peter Armond amount awarded him against the United States. November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, two hundred and sixty-eight dollars and eighty cents; to pay Fisher Jewson amount awarded him against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, three hundred and eighty-four dollars; to pay Richard Jewson and Richard Jewson, junior, amount awarded therein against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, six hundred and fourteen dollars; to pay J. D. Bud amount awarded him against the United States, October fourteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, four hundred and fifty dollars.

For payment of unappealed awards and judgments rendered against the United States for flowage damages

Ante, p. 426. Vol. 25, p. 22. Post. p. 477.

a The total payments of judgments and interest under the terms of this act, on account of damages resulting from the improvement of Fox and Wisconsin rivers, amounted to \$129,403.10, this sum satisfying all the claims thus enumerated.

<sup>&</sup>lt;sup>b</sup> The deficiency act approved February 1, 1888, amends this appropriation so as to make it read \$20,287.06. The total amount paid to Augustus G. Ruggles under these acts was \$21,612.48, including interest.

caused by the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, as follows: William H. Jenkyns, nine hundred and sixty dollars; Charles Miller. four hundred dollars: George H. Mansur, seven hundred and seventy-two dollars and fifty cents; Edley Payne. one thousand one hundred dollars; Peter Grattan, seven hundred and five dollars; John N. Kid, nine hundred dollars; Kate Jenkyns, two hundred dollars; William Clements, three hundred and ten dollars; Frank Walker, four hundred and fifty-five dollars and fifty cents: L. H. Eaton, six hundred and eighty-seven dollars and fifty cents; Tilly Walker, five hundred dollars; Tertullius Spaulding, nine hundred and ten dollars; E. P. and William Sill, four hundred and thirty dollars; William Sill, seven hundred and sixty dollars; Amos D. Page, seven hundred and sixty dollars; Patrick Hussey, thirty dollars; Joseph Strobe, nine hundred and sixty dollars: R. J. Radick, one hundred and thirty-five dollars: Samuel Neff, four hundred and fifty-five dollars; Patrick Morrissev, executor of the last will and testament of Patrick Haves, deceased, two hundred and sixty-five dollars: J. A. Sanford, two hundred and fifty dollars; George Allanson, one hundred and twenty-five dollars; Michael Clarev, two hundred and thirty dollars: Helen B. Chapman, nine hundred and forty dollars: Andrew Frederichson, nine hundred and five dollars; J. H. Porter, one thousand one hundred and eighty-five dollars; Gustave Ehrlich, one hundred and thirty-five dollars; Dennis Cushing, three hundred and seventy dollars: John Cushing, five hundred dollars; James Durick, one hundred dollars; William Cushing, two hundred and ninety dollars; William Geary, two hundred and eighty dollars; Oliver Dempsey, two hundred dollars; Catherine Cavanaugh, three hundred dollars: James Durick, four hundred and twenty dollars; John F. Seymour, two hundred dollars; W. M. Sinclair, one hundred dollars; costs on appeal to superior court, one hundred and fourteen dollars and sixty-five cents; M. Aukland, eighty dollars; Aaron Walker, two hundred dollars; Jane J. Thomas, administratrix of the estate of Thomas J. Thomas, two hundred dollars: August Frohne, one hundred and fifty dollars; W. R. and J. M. Edwards, one hundred dollars; Henry Floyd, one hundred and forty dollars; Martha Hanson, eighty dollars; Robert Edwards, two hundred dollars; F. Chamberlain, fifteen dollars; Cornelius Spoor, thirty dollars and twelve cents; Wesley Horton, twenty-eight dollars and ten cents; Frederick Bandt, one hundred and forty-five dollars; William Page, one hundred and fifty dollars; August Zulk, one hundred dollars; Anton Rumpler and August Zelmer, thirty-seven dollars and fifty cents; Martin Matz, three hundred dollars; John Karon one hundred and thirty dollars; Martin Tinde, seventyfive dollars; Julius Liebig, one hundred and sixty dollars; Louis Kranz, seventy-five dollars; Herman Esmer, fifty dollars: August Swanke, two hundred dollars: John Hursley, Fred Radtkin, and Martin Radkie, one hundred dollars; William Spooner, one hundred dollars; Franz Zuilki, one hundred dollars: Juliana Countryman, two hundred dollars: Joseph Guderski, twenty dollars: Frederick Boick, one hundred and eighty dollars; William Fuchs, seventy-five dollars; John O. Borst, one hundred and seventy-five dollars; S. A. Hake, twenty-five dollars; Ephraim Mueller, two hundred and fifty dollars: August Behm, one hundred and twenty-five dollars; G. H. Behm, sixty-five dollars: Caroline Fuller, sixty-five dollars: Earnest Lambrecht, one hundred dollars; John Larson, two hundred and twenty-five dollars: Christian Temple, two hundred and thirty-three dollars; S. Y. Judd, five hundred dollars; Elizabeth Owens, three hundred dollars; Henry Tolby and Ferdinand Retz, appealed, two hundred and fifty dollars; John Jones, three hundred and fifty dollars; John Michaels, one hundred and twenty-four dollars; D. S. Kissam, four hundred and fifty dollars; Julia Hopp, one hundred dollars; Adam McKittrick, four hundred dollars; James Lynch, three hundred dollars; Earnest Liebenhauer, three hundred dollars; John B. Wyso, one hundred dollars; William McClelland, fifty dollars; William Zanto, two hundred dollars; Michael Glvnn. seventy-five dollars; Hollis Stedman, fifty dollars; J. J. Keen, one hundred dollars; Datis E. Lewis, one hundred and twenty-five dollars; Alonzo D. Payne, two hundred dollars; Francis L. Smith, Erastus H. Payne, and Horace D. Smith, two hundred and sixty dollars; Amos C. Brown and Lucy Brown, one hundred and seventy-five dollars: William Stewart, one hundred and twenty dollars; Joseph M. Hodgkins and Samuel C. Hall, twenty dollars; John McClelland, fifty dollars; Henry Falbe, or Phelps, fifty dollars; Tracy W. Lewis, seventy dollars; C. A. Peck, two hundred dollars; E. H. Payne and Sarah E. Rigley, eighty dollars; W. J. Middleton, one hundred and fifty dollars; Vincent S. Sawinski, fifty dollars; John Rude, eighty dollars; Hugh Lynch, fifty dollars; William Gordon, two hundred dollars; Thomas J. Dewey, one hundred and fifty dollars; Amanda A. Bugh, one hundred and fifty dollars; Henry Basing, one hundred dollars; Ferdinand Marion, one hundred and fifty dollars; N. M. Dodson, one hundred and fifty dollars and ninety cents; George Fitch and D. W. C. Palmeter, seventy-five dollars; Mrs. T. W. Marsh, seventy-five dollars; Gustave Raasch, sixty dollars; W. J. Frank, one hundred and twenty-five dollars; Edward Teske and Gustave Teske, one hundred and seventy-five dollars; De Los Maxon, one hundred dollars: Joseph Melodzck, two hundred and five dollars; Lea Kenan, nine hundred and twelve dollars; Charles H. Kempley, five hundred and ninety-five dollars and twentyfive cents; Anna Eliza Page and Margaret Jane Page, six hundred dollars; John Roger, three hundred and thirtyeight dollars and fifty cents: Edward McCaffery and Asiel Waldo, two hundred and sixty-three dollars and twenty cents: Abraham Seaman six hundred and fortythree dollars and fifty-four cents; Samuel Phoenix, three hundred and fourteen dollars and fifty cents: Harriet B. Cramer, fifty-three dollars and four cents; Isaac Pickering, one hundred and eighteen dollars and sixty-six cents: Jane Pickering, one hundred and seven dollars and twenty-seven cents: F. B. Hawes, four hundred and thirty dollars and thirty-five cents; Lyman R. Slade, one hundred and twenty-six dollars and ninety-nine cents; A. W. Whitson and T. Whitson, two hundred and ninety dollars and seventy cents: Charles Metcalf, four hundred and six dollars and thirteen cents; Elizabeth Morris, sixty-five dollars; Margaret Bohrner, Theodore Bohrner, and Frank Bohrner, three hundred and ninety-two dollars and thirty cents; Spencer A. Pease, three hundred and seventy-five dollars; Henry W. Rockafellow, one hundred and fortyeight dollars and sixty cents: John and Richard Mee and F. A. Kendall, two hundred and forty-one dollars and sixty cents: C. C. Mathers, three hundred and thirty-two dollars and twenty-five cents; Eli McNutt, Hiram Mc-Nutt, and Angelina Waldo, nine hundred and two dollars and sixty-two cents; J. H. Merritt, four hundred and thirty-four dollars and twenty-five cents; William Hartwig, fifty dollars; John McNab, three hundred and thirtyfour dollars and thirty-five cents: Mary A. Leach, one hundred and fifty dollars and forty cents; Robert Weir, six hundred and twenty-six dollars and seventy cents: Mathew Spain, fifty dollars; Wilhelmina Retz, seventyfive dollars; Andrew Kewitz, one hundred dollars; G. Liebenhauer, two hundred dollars; David Evans, five hundred dollars; Frederick Hault, two hundred and forty dollars; and a sufficient sum in addition thereto as may be necessary to pay the interest on the judgments and awards as above provided is hereby appropriated.

Sec. 5. That for the payment of a portion of the fol-Payment of lowing supplemental list of claims, which are fully set fied. Supple- forth in House Executive Document numbered two hunwental. 18, p. dred and ninety-four, Forty-ninth Congress, first session, 110. and are certified to be due by the accounting officers of yol. 23, p. the Treasury under appropriations the balances of which have been exhausted or carried to the surplus fund under the provisions of section five of the act approved June twentieth, eighteen hundred and seventy-four, and under appropriations heretofore treated as permanent, being for the service of the fiscal year eighteen hundred and eighty-three and prior years, and which have been certified to Congress under section two of the act of July seventh, eighteen hundred and eighty-four, there is appropriated as follows:

WAR DEPARTMENT CLAIMS ALLOWED BY THE THIRD AU- Claims allowed by Third DITOR AND SECOND COMPTROLLER.

Auditor and Second Comp War Department.

For improving Umpqua River, Oregon, one dollar and Umpqua er, Oreg. Umpqua Rivforty-seven cents.

Approved, August 4, 1886.

CHAP. 929.—An Act Making appropriations for the construction, repair, and preservation of certain public works on rivers Vol. 24, p. 310. and harbors, and for other purposes.

Be it enacted by the Senate and House of Revresentatives of the United States of America in Congress assembled, That the following sums of money be, and are River and harbor approhereby, appropriated, to be paid out of any money in the priations. Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works herein named:

Improving harbor at Rockland, Maine: Continuing Rockland, Me. improvement, twenty-two thousand five hundred dollars.

Improving breakwater at the mouth of Saco River, Saco River, breakwater, Maine: Continuing improvement and repairs, twelve Me. thousand five hundred dollars.

Improving harbor at Portland, Maine: Continuing im- Portland, Me.

provement, thirty thousand dollars.

Improving the channel in Back Cove, Portland, Maine: Back Cove, Control of the Channel, Me. Back Cove. Continuing improvement, twenty-six thousand two hundred and fifty dollars.

Improving harbor at York, Maine, fifteen thousand York, Me.

dollars.

Improving harbor at Portsmouth, New Hampshire: New Hampshire: New Hampshire:

Continuing improvement, fifteen thousand dollars.

Improving the harbor of refuge at Little Harbor, New Little Hampshire: Continuing improvement, ten thousand dol-bor, N. H. Little Harlars.

Improving harbor at Burlington, Vermont: Continu- Burlington, ing improvement, eighteen thousand seven hundred and Vt.

fifty dollars.

For a breakwater at Gordon's Landing, on Lake Cham-Gordons plain, to be built on the twelve foot curve mentioned in water, Lake the papers accompanying the report of the Secretary of Champlain. War to the Senate dated March first, eighteen hundred and eighty-six (Executive Document Number Eightyone, Forty-ninth Congress, first session), eighteen thousand seven hundred and fifty dollars.

Improving harbor at Boston, Massachusetts: Continuing improvement, fifty-six thousand two hundred and Mass.

fifty dollars; of which eighteen thousand seven hundred

and fifty dollars are to be expended at Fort Point Channel, on Part A, below Congress Street Bridge.

Lynn, Mass. Improving harbor at Lynn, Massachusetts: Continuing improvement, six thousand dollars.

Mass. Improving harbor at Nantucket, Massachusetts: Continuing improvement, fifteen thousand dollars.

Hyannis Harbor, Massachusetts, ten thousand dollars.

Newburyport, Mass.

Improving harbor at Newburyport, Massachusetts:
Continuing improvement, thirty-seven thousand five hundred dollars.

Wareham, Improving harbor at Wareham, Massachusetts: Continuing improvement, fifteen thousand dollars.

Plymouth, Improving harbor at Plymouth, Massachusetts: Continuing improvement, six thousand dollars.

Hingham, Massachusetts: Continuing improvement, six thousand dollars.

Province Improving harbor at Provincetown, Massachusetts: Continuing improvement, three thousand dollars.

Gloucester, Improving harbor at Gloucester, Massachusetts, five thousand dollars; of which two thousand dollars, or so much as may be needed for a survey, and remainder on Babson's Ledge.

Sandy Bay, For the national harbor of refuge of the first class at uge. Sandy Bay: Continuing improvement, one hundred thousand dollars.

Mass. Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars.

Westport, Improving harbor at Westport, Massachusetts: Continuing improvement, one thousand dollars, for sand-fence.

Woods Hole, Improving harbor at Wood's Holl, Massachusetts: Continuing improvement, fourteen thousand five hundred dollars.

Improving harbor at Block Island, Rhode Island: Continuing improvement, twenty thousand dollars; of which eight thousand dollars shall be expended on the breakwater and twelve thousand dollars on the inner harbor.

Newport, R.I. Improving harbor at Newport, Rhode Island: Continuing improvement, fifteen thousand dollars.

Bridgeport, Improving harbor at Bridgeport, Connecticut: Continuing improvement, twenty thousand dollars.

Conn. Black Rock, Connecticut: Continuing improvement, five thousand dollars.

Continuing improvement, seventy-five thousand dollars.

Improving harbor at New Haven, Connecticut:

Continuing improvement, seventy-five thousand dollars.

Improving harbor at New Haven, Connecticut: Con-

tinuing improvement, twenty thousand dollars.

New London, Improving harbor at New London, Connecticut: Continuing improvement, two thousand dollars.

Conn. Improving harbor at Norwalk, Connecticut: Continuing improvement, three thousand dollars.

Conn. Connecticut: Continuing improvement, twenty thousand dollars.

Improving harbor at Stamford, Connecticut: Continu- Stamford,

ing improvement, ten thousand dollars.

Buffalo, N. Y. Improving harbor at Buffalo, New York: Continuing improvement, and repairs on the outer breakwater, one

hundred and twelve thousand five hundred dollars.

Buttermilk Improving Buttermilk channel, New York: Continuing improvement, fifty-six thousand two hundred and fifty dollars.

Improving breakwater at Rouse's Point, New York: Rouse Point,

Continuing improvement, twenty thousand dollars.

Improving harbor at Dunkirk, New York: Continuing Dunkirk, N. improvement, twenty thousand dollars.

Improving harbor at Canarsie Bay, New York: Con-Canarsie

tinuing improvement, ten thousand dollars.

Improving harbor at Charlotte, New York: Continu- v. Charlotte, N. ing improvement and repairs, twenty-six thousand two hundred and fifty dollars.

Improving harbor at Flushing Bay, New York: Con-Bay, N. Y.

tinuing improvement, ten thousand dollars.

Improving channel at Gowanus Bay, New York: Con- Gowanus Bay, N. Y. tinuing improvement, seven thousand five hundred dol-

Improving harbor at Great Sodus Bay, New York: Great Sodus, Continuing improvement, sixteen thousand eight hundred Bay, N. Y. and seventy-five dollars.

Improving harbor at Greenport, New York: Continu-Greenport,

ing improvement, five thousand dollars.

Improving harbor at Little Sodus Bay, New York: Little Sodus Continuing improvement, twelve thousand five hundred Bay, N. Y.

Improving harbor at Oak Orchard, New York: Con-Oak Orchard, tinuing improvement by repairs, twelve thousand five N. Y. hundred dollars.

Improving harbor at Olcott, New York: Continuing Olcott, N. Y.

improvement and repairs, ten thousand dollars.

Improving harbor at Wilson, New York: Continuing Wilson, N.Y.

improvement, ten thousand dollars.

Improving harbor at Ogdensburg, New York: Con-Ogdensburg, tinuing improvement, ten thousand dollars; which, together with the amount on hand, is to be used in removing obstructions from the mouth of the Oswegatchee and continuing the excavation at the lower harbor up

Improving harbor at Oswego, New York: Continuing Oswego, N.Y. improvement, seventy-one thousand two hundred and fifty dollars; of which fifty-six thousand two hundred and fifty dollars to be used in repairs and fifteen thousand dollars in continuing work on the harbor.

Improving harbor at Rondout, New York: Continuing Rondout, N.

improvement, two thousand five hundred dollars.

Improving harbor at Saugerties, New York: Continu- Saugerties, ing improvements, fifteen thousand dollars.

Improving Harbor at Sheepshead Bay, New York: Continuing improvement, five thousand dollars.

New York.

Improving New York Harbor, New York: To secure a thirty-foot channel at mean low water at Sandy Hook entrance of the harbor, upon such plan as the Secretary of War may approve, seven hundred and fifty thousand dollars.

Channel Staten Island and New Jer-

Improving channel between Staten Island and the New Jersey shore, New York and New Jersey: Continuing improvement, fifteen thousand dollars.

Raritan Bay.

Improving harbor at Raritan Bay, New Jersey: Continuing improvement, thirty-seven thousand five hundred dollars.

Plattsburg.

Improving harbor at Plattsburg, New York: Continu-

ing improvement, five thousand dollars.

Atlantic City. survey for har-bor of refuge.

For a more thorough and definite survey and examination of the harbor at Atlantic City, New Jersey, with a view to making a harbor of refuge at that point, five thousand dollars; said examination and survey to be made by a board consisting of three United States engineers.

Improving harbor at Erie, Pennsylvania: Continuing

Erie, Pa.

improvement, and also for the improvement of said harbor as recommended by the Chief of Engineers, January thirteenth, eighteen hundred and eighty-five, thirty-seven Proviso. Title to Presque Isle to be tary of War be, and he is hereby, authorized and directed accepted by to receive and accept for the United States, from the marine hospital of Erie, Pennsylvania, the title to the peninsula of Presque Isle, at Erie, Pennsylvania, as tendered by the said marine hospital, agreeably to the provisions of an act of the legislature of the State of Pennsylvania, approved May eleventh, eighteen hundred and seventy-one: And provided further, That twenty-two thousand five hundred dollars of said sum shall not be expended until the aforesaid title shall be accepted by

War.

Marcushook. Pa., ice harbor.

the Secretary of War.

Improving ice-harbor at Marcus Hook, Pennsylvania: Continuing improvement, fifteen thousand dollars.

Chester, Pa., cession of piers to.

The Secretary of War is authorized to cede to the city of Chester, Pennsylvania, the upper and lower piers located in said city and extending into the Delaware River, and formerly used as an ice harbor.

Delaware Breakwater.

Improving Delaware breakwater, Delaware: Continuing improvement, fifty-six thousand two hundred and fifty dollars.

Newcastle, Del., ice har-

Improving ice-harbor at New Castle, Delaware: Continuing improvement, five thousand dollars.

hor. Wilmington. Del.

Improving harbor at Wilmington, Delaware: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Baltimore, Md.

Improving harbor at Baltimore, Maryland: Continuing improvement, one hundred and fifty thousand dollars.

Improving harbor at Breton Bay, Maryland: Continuing improvement, six thousand five hundred dollars. For continuing the improvement of the Potomac River

Washington, D. C., Potomac in the vicinity of Washington, with reference to the

improvement of navigation, the establishment of harborlines, and the raising of the flats, under the direction of the Secretary of War and in accordance with existing plans, three hundred and seventy-five thousand dollars: Provided, That no part of the sum hereby appropriated shall be expended upon or with reference to any place pended where in respect of which the title of the United States is in ful. doubt, or in respect to which any claim adverse to the

Not to be ex-

United States has been made.

Improving harbor at Norfolk, Virginia, and improv-Norfolk, Va., ing approach to Norfolk Harbor and the United States harbor and navy-yard at Norfolk: Continuing improvement by wid-navy-yard. ening the channel of Elizabeth River to the port-warden's line on the eastern side, between Lambert's Point Light and Fort Norfolk, one hundred and eighty-seven thousand five hundred dollars; of which fifty thousand dollars shall be expended in improving the harbor, and one hundred and thirty-seven thousand five hundred dollars in widening the channel of Elizabeth River to the port-warden's line on the eastern side, between Lambert's Point Light and Fort Norfolk, beginning at Lambert's Point Light, including the construction of the proposed dike.

Improving harbor at Beaufort, North Carolina: Con- Beaufort, N. tinuing improvement, fifteen thousand dollars.

Improving harbor at Edenton Bay, North Carolina: Edenton Bay, N. C. Continuing improvement, two thousand dollars.

Improving the inland water way between New Berne Waterway, and Beaufort, North Carolina, ten thousand dollars.

Newbern and Beaufort, N. C. and Beaufort, North Carolina, ten thousand dollars.

Improving harbor at Charleston, including Sullivan's Charleston, Island, South Carolina: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars.

Improving Winyaw Bay, South Carolina: Continuing Winyah Bay,

improvement, eighteen thousand seven hundred and fifty dollars.

Improving harbor at Georgetown, South Carolina: Georgetown, Continuing improvement, five thousand dollars.

Improving harbor at Brunswick, Georgia: Continuing Brunswick, improvement, twenty-two thousand five hundred dollars.

Improving Cumberland Sound, Georgia and Florida: Cumberland Continuing improvement, one hundred and twelve thou- Fig. 71. sand five hundred dollars.

Improving harbor at Savannah, Georgia: Continuing Savannah, improvement, one hundred and fifty thousand dollars.

Improving harbor at Apalachicola Bay, Florida: Con-Apalachtinuing improvement, twelve thousand dollars; of which Bay, Fla. two thousand dollars may, in the discretion of the Secretary of War, be expended at the Carabello or Crooked

For examination and survey of the entrance to harbor Key West, at Key West, Florida, two thousand five hundred dollars. entrance.

Improving harbor at Pensacola, Florida: Continuing Pensacola, improvement, twenty thousand dollars.

Apalachicola

Tampa Bay, Improving harbor at Tampa Bay, Florida: Continuing improvement, ten thousand dollars.

Cedar Keys, Improving harbor at Cedar Keys, Florida, seven thousand dollars.

Mobile, Ala. Improving harbor at Mobile, Alabama: Continuing improvement, ninety thousand dollars.

Biloxi, Miss. Improving harbor at Biloxi Bay, Mississippi: Continuing improvement, twelve thousand five hundred dollars; which sum, together with the money on hand heretofore appropriated for the roadstead, is hereby directed to be used in deepening the channel from Mississippi Sound to the wharves at Biloxi.

Aransas Pass and Bay up to Rockport and Pass and Bay up to Rockport and Corpus Christi, Texas: Continuing improvement, one hundred and one thousand two hundred and fifty dollars.

Brazos Santiago, Tex.

Improving Brazos Santiago Harbor, Texas: Continuing improvement, thirty-seven thousand five hundred dollars.

Galveston, Improvement of entrance to Galveston Harbor, Texas:
Continuing improvement, three hundred thousand dollars.
Pass Ca- Improving Pass Cavallo, Texas: Continuing improve-

vallo, Tex. ment, thirty-seven thousand five hundred dollars.

Sabine Pass, Improving Sabine Pass and Blue Buck Bar, Texas:

Blue Buck bar, Continuing improvement, one hundred and ninety-eight thousand seven hundred and fifty dollars.

Galveston Bay, Texas, from Bay Ship Morgan's Cut to Bolivar Channel: Continuing improvement, for which purpose the balance now remaining of the money heretofore appropriated for this work is hereby directed to be expended by the Secretary of War in the completion of said channel, in accordance with the plans heretofore adopted, and in marking out said channel by piles or stakes, so as to enable navigators to find the same without difficulty.

Ashtabula, Ohio: Continuing improvement, thirty thousand dollars.

Black River Improving harbor at mouth of Black River, Ohio: Continuing improvement, ten thousand dollars.

Ohio.

Improving harbor at Cleveland, Ohio, on the last plan projected, ninety-three thousand seven hundred and fifty dollars; of which thirty thousand dollars are to be used in building a parapet on the existing breakwater, and the one hundred thousand dollars now on hand to be available for work on the last plan.

ohio. Improving harbor at Fairport, Ohio: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Huron, Ohio. Improving harbor at Huron, Ohio: Continuing improvement, three thousand dollars.

Muskingum River, Ohio. Improving ice-harbor at the mouth of the Muskingum River, Ohio: Continuing improvement, thirty-seven thousand five hundred dollars.

Port Clin Improving harbor at Port Clinton, Ohio, by repairs of existing works, two thousand dollars.

For the purpose of acquiring the title to the land ad- land at land at vol. 27, p. joining the inner end of the west pier built by the United States for the improvement of the harbor at Port Clinton,  ${}^{93}_{Post}$ , p. 618. Ohio, the Secretary of War shall negotiate with the owner or owners of the land for the purchase thereof at a reasonable price, to be approved by Congress; and if an agreement as to price cannot be made with the owner, then the value of the same shall be ascertained in the mode provided by the laws of Ohio for the condemnation of lands for public uses in that State, the result of said proceedings of condemnation, if taken, to be reported to the next Congress for its approval.

Improving harbor at Sandusky City, Ohio, by dredging Sa the channel through the outer bar and within the bay; and for this purpose the money appropriated by act of July fifth, eighteen hundred and eighty-four, now on hand, is hereby made available, and the further sum of

five thousand dollars is hereby appropriated.

Improving harbor at Toledo, Ohio: Continuing improvement of the Maumee River, by a straight channel along such line as may be approved by the Secretary of War, one hundred and twelve thousand five hundred dollars; and the balance of the twenty-five thousand dollars heretofore appropriated are hereby made available for clearing the old channel.

Improving harbor at Vermillion, Ohio: Continuing Ohio.

improvement, three thousand dollars.

Improving harbor at Michigan City, Indiana: Con-City, Ind. tinuing improvement, fifty-six thousand two hundred and fifty dollars; of which sum one thousand eight hundred and seventy-five dollars are to be used on the inner harbor.

Improving harbor at Calumet, Illinois: Continuing

improvement, ten thousand dollars.

Improving harbor at Chicago, Illinois: Continuing improvement, seventy-five thousand dollars.

Improving harbor at Waukegan, Illinois: Continuing mWaukegan,

improvement, twenty thousand dollars.

Improving harbor at Charlevoix and entrance to Pine Charlevoix Lake, Michigan: Continuing improvement, ten thousand dollars.

Improving harbor at Cheboygan, Michigan: Continu-Cheboygan,

ing improvement, fifteen thousand dollars.

Improving harbor at Frankfort, Michigan, by extension Frankfort, of piers and repairs: Continuing improvement, seven thousand dollars.

Improving harbor at Grand Haven, Michigan: Con-Grand Mich.

tinuing improvement, thirty thousand dollars.

fifty dollars.

Improving harbor of refuge at Grand Marais, Michi- Grand Magan: Continuing improvement, twenty-six thousand two hundred and fifty dollars.

Improving harbor at Ludington, Michigan: Continu- Ludington, ing improvement, fifty-six thousand two hundred and

Sandusky.

Toledo, Ohio.

Michigan

Calumet, Ill.

Chicago, Ill.

Wis.

Manistee. Improving harbor at Manistee, Michigan: Continuing Mich. improvement, ten thousand dollars.

Marquette. Improving harbor at Marquette, Michigan: Continuing Mich. improvement, ten thousand dollars.

Improving harbor at Monroe, Michigan: By repairs. Monroe. Mich two thousand dollars.

Muskegon. Improving harbor at Muskegon, Michigan: Continuing Mich. improvement, twelve thousand five hundred dollars.

Ontonagon. Improving harbor at Ontonagon, Michigan: Continu-Mich.

ing improvement, thirteen thousand dollars. Pentwater. Improving harbor at Pentwater, Michigan: Continu-

Mich. ing improvement, ten thousand dollars. Portage Lake.

Improving harbor at Portage Lake, Michigan: Contin-

uing improvement, fifteen thousand dollars.

Sandbeach Improving and repairing harbor of refuge at Sand (Harbor Beach), Mich. Beach, Michigan: Continuing improvement, seventy-five thousand dollars; of which not exceeding forty-five thousand dollars are to be used in repairs.

St. Joseph. Improving harbor at Saint Joseph, Michigan: Contin-Mich.

uing improvement, ten thousand dollars.

Saugatuck, Improving harbor at Saugatuck, Michigan: To com-Mich. plete improvement, eight thousand dollars.

South Haven. Improving harbor at South Haven, Michigan: Contin-

uing improvement, five thousand dollars.

White River (Lake), Mich. Improving harbor at White River, Michigan: Continuing improvement, ten thousand dollars.

Black Lake

Improving harbor at Black Lake, Michigan: Continu-(Holland). ing improvement, five thousand dollars.

Ahnapee, Wis. Improving harbor at Ahnapee, Wisconsin: Continuing Wharfage to be free. Vol. 25, improvement, fifteen thousand dollars; but no part of said sum is to be expended until the wharfage over the Post, p. 492. Government piers at that port shall be made free.

Green Bay, Improving harbor at Green Bay, Wisconsin: Continu-

ing improvement, seven thousand dollars.

Kenosha, Improving harbor at Kenosha, Wisconsin: Continuing wīs. improvement, five thousand dollars.

Kewaunee, Improving harbor at Kewaunee, Wisconsin: Continu-Wis. ing improvement, ten thousand dollars.

Manitowoc. Improving harbor at Manitowoc, Wisconsin: Continu-Wis. ing improvement, fifteen thousand dollars.

Menominee. Improving harbor at Menomonee, Wisconsin: Continu-Wis. ing improvement, three thousand dollars.

Milwaukee, Improving harbor of refuge at Milwaukee, Wisconsin: Continuing improvement on bay and harbor, sixty thousand dollars.

Oconto, Wis. Improving harbor at Oconto, Wisconsin: Continuing improvement, eight thousand dollars.

Wash-Improving harbor at Port Washington, Wisconsin: Port ington, Wis. Continuing improvement, five thousand dollars.

Racine, Wis. Improving harbor at Racine, Wisconsin: Continuing improvement, ten thousand dollars.

İmproving harbor at Superior Bay and Saint Louis Superior and St. Louis bays, Bay, Wisconsin: Continuing improvement, twenty-two thousand five hundred dollars; and the engineer in

charge, in his next annual report, shall submit an estimate of the cost of a dredge-boat or other facilities that may be needed for dredging the harbors of Duluth and Superior. Thirteen thousand five hundred dollars of the money hereby appropriated are to be expended in dredging in said Superior Bay and Harbor, and in repairing piers at natural entry, and nine thousand dollars in dredging Saint Louis Bay, along the dock-line on the Wisconsin shore, from deep water at Connor's Point towards deep water at Grassy Point.

Improving harbor at Sheboygan, Wisconsin: Continu- Sheboygan,

ing improvement, fifteen thousand dollars.

Improving harbor at Sturgeon Bay, Wisconsin: Con-Sturgeon

tinuing improvement, five thousand dollars.

Improving harbor at Ashland, Wisconsin: Continuing A improvement, twenty-two thousand five hundred dollars.

The Secretary of War is authorized and directed to ap- Sturge on Lake point a Board of three engineers from the United States Michigan Ship Army whose duty it shall be to examine, in all their rela-Board of Entions to commerce, the Sturgeon Bay and Lake Michigan gineers to responsible Canal, connecting the waters of Green Bay with value, etc. Lake Michigan, in the State of Wisconsin, with a view to making the same a free passage way and harbor of refuge, to consider their value, and all other matters connected with their usefulness to navigation, and which shall give information as to the expediency of the work and the desirability of their acquisition and improvement. The said Board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose.

Improving harbor at Duluth, Minnesota: Continuing improvement, and enlarging basin between Minnesota and Minn. Rice's Points, fifty-six thousand two hundred and fifty dollars; of which a sum not exceeding five hundred dollars may be used in placing buoys in the channels and elsewhere where needed in the harbor; and the consent of the United States is hereby given to a change of the existing dock-line on the east side of Rice's Point by the municipal authorities of Duluth: Provided, That such change meets

the approval of the Secretary of War.

Improving harbor at Grand Marais, Minnesota: Continuing improvement, ten thousand dollars.

Improving harbor at Agate Bay, Minnesota, twenty-

two thousand five hundred dollars.

Improving harbor at Lake City, Minnesota: Continu-

ing improvement, ten thousand dollars.

Improving harbor and bay at Humboldt, California: Continuing improvement, seventy-five thousand dollars: Cal. Provided, That no part of said sum shall be expended until the twelve acres of land necessary to said improvement shall have been conveyed to the United States free of ex-

Ashland,

Duluth,

Grand Marais, Minn.

Agate Bay. Minn.

Lake City,

Humboldt,

pense, and such conveyance has been approved by the Secretary of War, after the Attorney-General of the United States shall have certified to the Secretary of War that the title is perfect.

Oakland. Improving harbor at Oakland, California, Continuing Cal

improvement, sixty thousand dollars.

Survey of San Francisco Harbor, San The sum of eleven thousand dollars, or as much thereof San as may be necessary, is hereby appropriated for a survey Pablo Bay, Su of San Francisco Harbor, San Pablo Bay, Suisun Bay, Strait of Kar-Strait of Carquinex [Karquines], mouth of San Joaquin Joaquin, and River, and mouth of Sacramento River, California. Sacramento

Improving harbor at Red Wood, California: Continu-

commencing at or near Whaler's Point, so called, at San

Red wood, ing improvement, five thousand dollars.

Survey, etc., of San Diego, may be necessary, is hereby appropriated for examina-Newport, and San Luis Obistion, survey, and estimated cost of obtaining a channel cal. The sum of five thousand dollars, or so much thereof as deep at mean low water across the outer bar, and from thence to a point abreast of beacon number two, in San Diego Harbor, California; also, of obtaining a navigable channel at least eight feet in depth at mean low water at Newport Harbor, California; also, of the establishment of a breakwater extending in a southeasterly direction one-fourth of a mile, more or less, along the sunken reef

Wilmington. Improving harbor at Wilmington, California: Con-Cal. tinuing improvement, seventy-five thousand dollars.

Luis Obispo Harbor, California.

Yaquina Bay, Oreg. Improving harbor at Yoquina Bay, Oregon: Continuing improvement, seventy-five thousand dollars.

Coos Bay. Improvement of the harbor at entrance of Coos Bay, Oreg. Oregon, thirty-three thousand seven hundred and fifty

dollars. Improving Lubec Channel, Maine: Continuing im-Lubec Chanprovement, ten thousand dollars.

Moosa bec Improving Moosebec Bar, Maine: Continuing improve-

ment, ten thousand dollars.

Improving Penobscot River, Maine: Continuing im-Penobscot River. provement, be [sic] widening the channel opposite Bangor and removing obstructions near Crosby's Narrows, fifteen thousand dollars.

Saco River. Improving Saco River, Maine, twelve thousand five hundred dollars.

Improving Narragaugus River, Maine, ten thousand Narraguagus River. dollars.

Improving Cocheco River, New Hampshire: Continu-Cocheco River. ing improvement, ten thousand dollars.

Ipswich Improving Ipswich River, Massachusetts, two thou-River. sand five hundred dollars.

Improving Warren River, Rhode Island, five thousand Warren River. dollars.

Pawtucket Improving Pawtucket River, Rhode Island: Continu-River. ing improvement, thirty thousand dollars.

Newtown

Improving Providence River and Narragansett Bay, Providen Rhode Island: Continuing improvement, thirty thousand gansett Bay.

For removing Green Jacket Shoal, Providence River, Green Jacket Rhode Island, twenty-six thousand two hundred and fifty shoal.

Improving Pawcatuck River, Rhode Island, twelve Pawcatuck thousand dollars.

Improving Connecticut River below Hartford, Con-River. Connecticut necticut: Continuing improvement, twenty-six thousand two hundred and fifty dollars.

Improving Housatonic River, Connecticut, five thou- Housatonic

sand dollars.

Improving Thames River, Connecticut: Continuing The River. improvement, twenty-two thousand five hundred dollars.

Improving East Chester Creek, New York: Continu-East Chester

ing improvement, ten thousand dollars.

Improving Hudson River, New York: Continuing im- Hudson River. provement, twenty-six thousand two hundred and fifty dollars; of which fifteen thousand dollars may be used for the removal of the rock in channel at Van Wie's Point.

Improving Newtown Creek and Bay, New York: Continuing improvement, thirty-seven thousand five hundred Creek and Bay. dollars; of which nine thousand three hundred and seventy-five dollars to be expended on west branch between Maspeth avenue and Dual Bridge, at Grand street and Metropolitan avenue; nine thousand three hundred and seventy-five dollars to be expended on main branch between Easterly Grand Street bridge to Metropolitan avenue; and balance on lower end, from Maspeth avenue to the mouth of the creek.

Improving Hell Gate, New York: Continuing improve-Hell Gate. ment one hundred and twelve thousand five hundred dol-

Improving Narrows at Lake Champlain, New York, Lake from Benson, Vermont, to canal locks at Whitehall, New rows. Lake Cham-York, thirty thousand dollars.

Improving Ticonderoga River, New York. Continu-Ticonderoga

ing improvement, two thousand dollars.

Improving Maurice River, New Jersey: Continuing Maurice

improvement, five thousand dollars.

Improving Passaic River, New Jersey: Continuing improvement, twenty-six thousand two hundred and fifty River. dollars; of which two thousand two hundred and fifty dollars are to be used above Newark.

Improving Raritan River, New Jersey: Continuing improvement, twenty-six thousand two hundred and fifty River.

Improving Shrewsbury River, New Jersey: Continuing Shrewsbury improvement, ten thousand dollars.

Improving South River, New Jersey: Continuing im- south River. provement, five thousand dollars.

Improving Saint Jones River, Delaware: Continuing River. improvement, ten thousand dollars.

Nanticoke Improving Nanticoke River, Delaware: Continuing im-River. provement up to and near the town of Laurel, Delaware.

ten thousand dollars.

Monongahela Improving Monongahela River, Pennsylvania and West Virginia: Continuing improvement, ninety thousand nine hundred dollars; but no charges or tolls shall be collected on any other part of the river on any commerce on said river which originates above the works herein appropriated for.

Alleghenv For beginning the construction of a dam at Herr's Is-River. land, in the Allegheny River, near Pittsburgh, Pennsylvania, thirty-seven thousand five hundred dollars.

Improving Allegheny River, Pennsylvania: Continuing improvement, thirty thousand dollars.

Schuvlkill Improving Schuvlkill River, Pennsylvania: Continu-River. ing improvement, eighteen thousand seven hundred and

fifty dollars. Delaware Improving Delaware River, Pennsylvania and New Jersey: Continuing improvement from Trenton to its mouth, two hundred and ten thousand dollars; of which thirty thousand dollars shall be applied to improving the channel between Camden, New Jersey, and Philadelphia, Pennsylvania, and seven thousand five hundred dollars. or so much thereof as may be needed, shall be expended on said river and its tidal tributaries above Bridesburg.

Choptank Improving Choptank River, Maryland: Continuing im-River. provement, ten thousand dollars.

Improving Corsica Creek, Maryland: Continuing im-Corsica Creek.

provement, ten thousand dollars.

Chesapeake For rebuilding piers at Battery Island, head of the Bay. Chesapeake Bay, which were carried away by ice, strengthening and protecting the works at that point from future destruction, seventeen thousand two hundred and seventy-five dollars.

Susquehanna Improving Susquehanna River, Maryland and Pennsyl-River. vania: Continuing improvement, six thousand dollars; to be expended above the Philadelphia, Wilmington and Baltimore Railroad Bridge.

Improving Pocomoke River, Maryland: Continuing Pocomoke River. and completing improvement, eight thousand dollars.

Waterway Improving, by dredging and otherwise, the inland from Chinco-teague Bay to waterway from Chincoteague Bay, Virginia, to Delaware Indian River Bay at or near Lewes, Delaware, to be used from Chinco-Bay at or near Lewes, Delaware, to be used from Chincoteague Bay to Indian River Bay, eighteen thousand seven hundred and fifty dollars.

A p pomattox Improving Appomattox River, Virginia: Continuing River. improvement, eighteen thousand seven hundred and fifty dollars.

Improving Chickahominy River, Virginia: Continuing Chickahominy River. improvement, four thousand dollars.

James River.

New River.

Big Sandy

Improving James River, Virginia: Continuing improvement below Richmond, one hundred and twelve thousand five hundred dollars.

Improving Mattaponi River, Virginia: Continuing im- Ma River. Mattaponi provement, five thousand dollars.

Improving New River, Virginia: Continuing improvement between the lead-mines, in Wythe County, and the mouth of Wilson's Creek, in Grayson County, ten thousand dollars, together with the three thousand dollars now on hand.

Improving Pamunky River, Virginia: Continuing im- Pamunkey provement, five thousand dollars.

Improving Rappahannock River, Virginia: Continuing Rappahannock River.

improvement, twenty thousand dollars.

Improving Staunton River, Virginia: Continuing im-Staunton provement, ten thousand dollars; one-half of which is to be expended between the mouth of Pig River and the Midland Railroad Crossing.

Improving York River, Virginia: Continuing improvement, eighteen thousand seven hundred and fifty York River.

dollars.

Improving Dan River, Virginia: Continuing improve-Dan River.

ment, ten thousand dollars.

Improving Big Sandy River, West Virginia and Ken-River, tucky: Continuing improvement, thirty thousand dollars; of which sum three thousand seven hundred and fifty dollars are to be expended on Tug Fork, in West Virginia, and three thousand seven hundred and fifty dollars on Lavisa Fork, in Kentucky.

Improving Buckhannon River, West Virginia: Con-Buckhannon tinuing improvement, one thousand five hundred dollars.

Improving Great Kanawha River, West Virginia: Kanawha Continuing improvement, one hundred and eighty-seven

thousand five hundred dollars.

Improving Elk River, West Virginia: Continuing im- Elk River. provement, one thousand five hundred dollars.

Improving Guyandotte River, West Virginia: Con- Gu River, Guyandot

tinuing improvement, the amount heretofore appropri-

ated is hereby made available for this purpose.

Improving Little Kanawha River, West Virginia: Little Kanawha River, Continuing improvement, sixteen thousand eight hundred and seventy-five dollars; of which one thousand eight hundred and seventy-five dollars shall be used in continuing the improvement of navigation above the west fork. But no toll shall be collected by any person or corporation for this improved navigation; and such right, if any exist, shall be relinquished, in a manner satisfactory to the Secretary of War, before the expenditure of any of the money herein appropriated for this work.

Improving Cape Fear River, North Carolina: Con-River, tinuing improvement, one hundred and sixty-eight thou-

sand seven hundred and fifty dollars: of which sum eleven thousand two hundred and fifty dollars are to be expended above Wilmington, the remainder below and opposite the city of Wilmington, including as much of its northeast branch as lies in front of Wilmington. within the city limits.

C o n tentnia

Improving Contentnia Creek, North Carolina: Con-

tinuing improvement, fifteen thousand dollars.

Currituck Improving Carrituck Sound, Coanjok Bay, and North River Bar, North Carolina: Continuing improvement, Sound. ten thousand dollars.

Neuse River.

Improving Neuse River, North Carolina: Continuing improvement, twenty-two thousand five hundred dollars.

New River.

Improving New River, North Carolina: Continuing improvement, ten thousand dollars.

Pamlico and Tar rivers.

Improving Pamlico and Tar Rivers, North Carolina:

Completing improvement, five thousand dollars.

Black River. Proviso.

Improving Black River, North Carolina, three thousand dollars: Provided, That all claims of private parties to the navigation of the river shall be ceded to the United States, free of charge, before the commencement of said improvement.

Roanoke River.

Improving Roanoke River, North Carolina: Continuing improvement, twenty thousand dollars. Two thousand five hundred dollars, or so much thereof as may be necessary, of the aforesaid twenty thousand dollars shall be used for the purpose of removing obstructions in the Thoroughfare and Coshoke Creek.

Trent River.

Improving Trent River, North Carolina: Continuing improvement, three thousand five hundred dollars.

Dan River.

İmproving Dan River, North Carolina: Continuing improvement, between Madison, North Carolina, and Danville, Virginia, ten thousand dollars.

Yadkin Riv-

Improving Yadkin River, North Carolina: Continuing improvement, ten thousand dollars.

Waterway. Beaufort to New River.

Improving the inland waterway between Beaufort Harbor and New River, North Carolina, through Bogue Sound, ten thousand dollars.

Ashlev River.

Improving Ashley River, South Carolina: Continuing improvement, one thousand dollars.

Edisto River.

Improving Edisto River, South Carolina: Continuing improvement, three thousand dollars.

Great Pedee River.

Improving Great Pee Dee River, South Carolina: Con-

tinuing improvement, twenty thousand dollars.

Salkahatchie

Improving Salkiehatchie River, South Carolina: Con-

tinuing improvement, two thousand dollars.

Santee River.

Improving Santee River, South Carolina: Continuing improvement, eighteen thousand seven hundred and fifty dollars; no part of which sum to be used for the construction of any road-bridge across the Mosquito Creek Canal: Provided, That if salt water be found flowing into said Mosquito Creek, five thousand dollars of said sum, or so much thereof as may be necessary, shall be used for the

Proviso.

construction of a flood-gate at the upper end of the canal, to prevent the same.

Improving Waccamaw River, South Carolina: Con-Waccamaw

tinuing improvement, fifteen thousand dollars.

Improving Wappoo Cut, South Carolina: Continuing Wappoo Cut. improvement, five thousand dollars.

Improving Wateree River, South Carolina: Continu- Wateree Riv-

ing improvement, seven thousand five hundred dollars.

Improving Congaree River, South Carolina, seven thou-

sand five hundred dollars.

Improving Altamaha River, Georgia: Continuing improvement, twenty thousand dollars; of which ten thousand dollars are to be used on Doboy Bar, or so much thereof as may be necessary.

Improving Chattahoochee River, Georgia and Ala-Chattahoobama: Continuing improvement, twenty thousand dol-

lars.

Improving Coosa River, Georgia and Alabama: Con-

tinuing improvement, forty-five thousand dollars.

Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum five thousand dollars are to be expended between Albany and Montezuma, and fifteen thousand dollars below Albany.

Improving Ocmulgee River, Georgia: Continuing im-

provement, seven thousand five hundred dollars.

Improving Oconee River, Georgia: Continuing improvement, nine thousand dollars; one thousand five hundred dollars of said sum to be expended between Skull

Shoals and the Railroad Bridge.

Improving Romely [Romerly] Marsh, Georgia: To Marsh. Complete improvement, seventeen thousand four hundred and seventy-five dollars; and so much of said sum as may be necessary may be applied by the engineer in charge, with the approval of the Secretary of War, to pay for work done on said improvement, under the direction of the War Department, since the last appropriation was exhausted.

Improving Savannah River, below Augusta, Georgia: Savannah

Continuing improvement, fifteen thousand dollars.

Improving Apalachicola River, Florida: Continuing Apalachicola

improvement, one thousand dollars.

Improving Caloosahatchee River, Florida: Continu-Caloosahat-

ing improvement, four thousand dollars.

Improving Choctawatchee River, Florida and Ala-Choctawatchee River, Florida and Ala-Choctawatchee River, bama: Continuing improvement, fifteen thousand dollars; of which sum five thousand dollars to be expended below Geneva, and ten thousand dollars to be expended between Geneva and Newton, Alabama.

Improving Conecuh-Escambia River, Florida and Ala-Conecuh-Esbama: Continuing improvement, twelve thousand dol-

lars.

Improving La Grange Bayou, Florida: Continuing Lagrange improvement, two thousand dollars.

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Coosa River. Flint River.

Ocmulgee

Oconee River.

Romerly

Manataa and Peace rivers.

Improving Manatee and Pease Rivers, Florida: Continuing improvement, thirteen thousand dollars; of which five thousand dollars may be expended on Pease River.

St. Johns River.

Improving channel over the bar at the mouth of Saint John's River, Florida: Continuing improvement, one hundred and fifty thousand dollars.

Suwanee Divor

Improving Suwanee River, Florida: Continuing im-

provement, five thousand dollars.

Volusia bar.

Improving Volusia Bar, Florida: To complete im-

provement, seven thousand five hundred dollars. Improving Withlacoochee River, Florida: Continuing

Withlacoochee River.

improvement, three thousand dollars.

Alabama River.

Black Warrior River.

Improving Alabama River, Alabama: Continuing improvement, fifteen thousand dollars. Improving Black Warrior River from Tuscaloosa to

Daniel's Creek, Alabama, fifty-six thousand two hundred and fifty dollars, together with the forty-seven thousand dollars on hand; to be expended in accordance with the plan adopted by the board of engineers.

Cahaba Riv-Vol. 26, p.

Improving Cahawba River, Alabama: Continuing improvement, seven thousand five hundred dollars: Provided. That no part of said sum shall be expended until Post, p. 567. the officer in charge shall have reported that the railroad and other bridges across said river have been provided with good and sufficient draw-openings.

Tallapoosa

Improving Tallapoosa River, Alabama: Continuing improvement, seven thousand five hundred dollars.

Warrior Riv-

Improving Warrior River, Alabama: Continuing improvement, eighteen thousand seven hundred and fifty dollars; to be expended below Tuscaloosa.

Tombighee River.

Improving Tombigbee River, Alabama and Mississippi: Continuing improvement, eighteen thousand seven hundred and fifty dollars; to be expended below Vienna, eleven thousand two hundred and fifty dollars; and between Vienna and Fulton, seven thousand five hundred dollars.

Big Sunflow-er River.

Improving Big Sunflower River, Mississippi: Continuing improvement, five thousand dollars; of which two thousand dollars to be expended between Woodburn and Lehrton.

Noxubee Riv-

Improving Noxubee River, Mississippi: Continuing improvement, seven thousand five hundred dollars.

Pascagoula River.

Improving Pascagoula River, Mississippi: Continuing improvement, including bar at the mouth, and from there to the mills at Moss Point, twenty thousand dollars; and the balance of the money now on hand heretofore appropriated for improving Horn Island Pass is to be applied to the same purpose.

Pearl River.

Improving Pearl River, Mississippi: Continuing improvement, seventeen thousand six hundred and twentyfive dollars; of which two thousand two hundred and fifty dollars are to expended between Edinburg and Carthage, two thousand two hundred and fifty dollars between Carthage and Jackson, and the remainder below Jackson, including bar at the mouth of East Pearl River.

Improving Steele's Bayou, Mississippi, including Washington Bayou: Continuing improvement, two thousand five hundred dollars.

Steele Bayou.

Improving Tallahatchee River, Mississippi: Continuing improvement, three thousand five hundred dollars.

Tallahatchie

Improving Tchula Lake, Mississippi: Continuing improvement, two thousand dollars.

Tchula Lake.

Improving Yallabusha River, Mississippi: Continuing Yallabusha River,

Yalobusha

improvement, two thousand dollars. Improving Bayou Pierre, Mississippi: Continuing im-

Bayou Pierre.

provement, five thousand dollars.

Improving Yazoo River, Mississippi: Continuing improvement, fifteen thousand dollars; of which five thousand dollars, or so much as may be necessary, to be used Yazoo River.

in repairing snag-boat.

Improving Big Black River, Mississippi: Continuing improvement, five thousand dollars: Provided, That no part of this appropriation shall be used until the State of Mississippi shall have first caused the bridges over said stream south of the Vicksburg and Meridan Railroad to be so constructed as not to obstruct the navigation of said stream.

Blg Black River. Proviso. Vol. 26, p. Post. p. 568.

Improving Amite River, Louisiana: Continuing im-

Amite River.

provement, two thousand dollars.

Improving Bouf River, Louisiana: Continuing improvement, and for closing Outlet Number One, five thousand dollars.

Bœuf River.

Improving Bayou Bartholomew, Louisiana and Ar-Bayou kansas: Continuing improvement, five thousand dollars. Improving Bayou Courtableau, Louisiana: Continu-Bayou

Bayou Bar-

ing improvement, five thousand dollars.

Bayou Cour-

Improving Bayou D'Arbonne, Louisiana: Continuing Bay improvement, two thousand dollars.

Improving Bayou Terrebonne, Louisiana: Continuing Bayou Terreimprovement, ten thousand dollars.

Improving Cypress Bayou and the lakes between Jefferson, Texas, and Shreveport, Louisiana, Texas and Loui-

Cypress

siana: To complete improvement, eighteen thousand dol-

Improving Tensas River and Bayou Macon, Louisiana: Tensas River

Continuing improvement, four thousand dollars.

Macon. Red River.

Improving Red River, Louisiana, and Arkansas: Continuing improvement from Fulton, Arkansas, to the Atchafalaya River, Louisiana, including completing the work at Alexandria, seventy-five thousand dollars; of which sum twenty-five thousand dollars, or so much thereof as may be necessary, shall be used in making a thorough survey of the river from Fulton, Arkansas to the Atchafalaya River, and in completing the survey of

Bayou Pierre, Louisiana.

Improving Tchefuncte River and Bogue Falia, Loui-Chefuncte siana: Continuing improvement, two thousand five hun-Bogue Falia.

dred dollars; to be expended in the improvement of

Bogue Failia up to Covington.

Improving Tickfaw River, Louisiana: Continuing im-Tickfaw Rivprovement, two thousand dollars; to be expended on its navigable tributaries.

Onachita and Black rivers.

Improving Quachita River, Louisiana and Arkansas, and Black River, Louisiana: Continuing improvement, seventeen thousand five hundred dollars; of which seven thousand five hundred dollars, or so much thereof as may

be necessary, for repairing snag-boat Wagner.

Calcasieu River and Pagg

Improving Calcasieu River and Pass, Louisiana: Continuing improvement to secure a navigable channel eight feet deep over the bars affecting the entrance to said river and pass, and for this purpose the money on hand heretofore appropriated for improvement of Calcasieu River is to be used.

Brazos River. Improving mouth of Brazos River, Texas: Continuing improvement, eighteen thousand seven hundred and fifty

dollars.

Improving Buffalo Bayou, Texas: Continuing im-Buffalo Bayou. provement, eighteen thousand seven hundred and fifty dollars.

St. Francis Improving Saint Francis River, Arkansas and Mis-River. souri, to the town of Saint Francis: Continuing improve-

ment, eight thousand dollars.

Arkansas Improving Arkansas River, Arkansas: Continuing improvement, seventy-five thousand dollars, according to the

yol. 25, p. plan and recommendations in Appendix V thirteen, Ex-Post, p. 504. ecutive Document One, Forty-ninth Congress; of which there are to be expended eight thousand dollars at Pine Bluff, thirteen thousand dollars at Fort Smith, and ten thousand dollars at Dardanelles, or so much thereof under those sums, respectively, as may be necessary at those

points. Removal

Petit

River.

For the removal of snags, wrecks, and other obstrucsnags, etc. tions in the Arkansas River, nineteen thousand eight hundred and seventy-five dollars; of which sum one thousand one hundred and twenty-five dollars, or so much thereof as may be necessary, shall be used to complete the survey of the Arkansas River, between Little Rock, Arkansas, and Wichita, Kansas.

Red River. Improving Red River, Arkansas, above Fulton, Arkan-

sas, seven thousand dollars.

Little Red Improving Little Red River, Arkansas, three thousand River. dollars.

Black River. Improving Black River, Arkansas and Missouri, five thousand dollars.

Jean Improving Petit Jean River, Arkansas, three thousand five hundred dollars.

White River. Improving White River, Arkansas: Continuing improvement, eighteen thousand dollars; thirteen thousand dollars of which, or so much thereof as may be necessary, to complete the survey of said river; the remainder for general improvement.

For removing the rock shoals in Fourche [Le Fevre] Fourche Feyre River. River, Arkansas, situate four miles south of Perryville, in Perry County, Arkansas, according to the plans of the engineers for creating a fifty-foot channel, five thousand dollars.

Improving Big Hatchee River, Tennessee: Continuing an Hatchee Rivimprovement, three thousand dollars.

Improving Caney. Fork River, Tennessee: Continuing Caney Fork

improvement, three thousand dollars.

Improving Clinch River, Tennessee: Continuing im- Clinch River.

provement, five thousand dollars.

Improving Cumberland River, Tennessee and Ken-Cumberland tucky: Continuing improvement above Nashville, with a view to secure in the channel a depth of four feet, commencing with the lock at or near the lower island at Nashville, seventy-five thousand dollars.

Improving Cumberland River below Nashville, Tennessee: Continuing improvement, twelve thousand five hun-

dred dollars.

Improving French Broad River, Tennessee: Contin- French River. uing improvement, six thousand dollars.

Improving Hiawassee River, Tennessee: Continuing Hiwassee

improvement, two thousand five hundred dollars.

Improving South Fork of Forked Deer River, Tennes-Forked Fork Deer see: Continuing improvement, five thousand dollars.

Improving Tennessee River above Chattanooga, Ten-River.

nessee: Continuing improvement, seven thousand five

hundred dollars.

Improving Tennessee River at Big Mussel Shoals, Little Mussel Shoals, and Elk River Shoals, Alabama: To complete improvements at these localities, two hundred and sixty-two thousand five hundred dollars.

Improving South Fork of Cumberland River, Ken-Cumberland tucky: Continuing improvement, five thousand dollars.

Improving Kentucky River, Kentucky: Continuing River. improvement, one hundred and eighty-seven thousand five hundred dollars.

Improving Tradewater River, Kentucky: Continuing Tradewater

improvement, two thousand dollars.

Improving the Falls of the Ohio River at Louisville, Ohio River, Kentucky: Continuing improvement, according to the Louisville. last plan of the engineer in charge, and to be first applied to the completion of the work now in progress, one hundred and fifty thousand dollars: Provided, That of that sum fifty thousand dollars shall be expended in enlarging the canal basin, as recommended in the last report of the engineer in charge.

The Secretary of War is hereby authorized and displacers to recede to ascertain the value and commercial importance port on the of the works and property of the Green and Barren value, etc., of River Navigation Company, situated on the Green and Green and Barren rivers, in the State of Kentucky, and of the sation Co., and Monongahela Navigation Company, situated on the Mo-Co. nongahela River, in the State of Pennsylvania; and in

River.

Kentucky

Proviso.

order to acquire such information the Secretary of War shall appoint a board of three competent engineers from the Engineers Corps of the United States Army, which board shall in each case report to the Secretary of War. who shall report thereon to Congress at its next succeeding session; and the cost of such examination shall be paid out of the sum appropriated by this act for surveys: Provided, That nothing herein shall be construed as committing Congress to the purchase of the said works.

Proviso Muskingum River.

River improve-ments. canal.

Acceptance Improvement of the Muskingum River, Ohio, between Muskingum Zanesville and the mouth of the river, and for operating Improvement of the Muskingum River, Ohio, between the same, twenty thousand dollars. And the United States hereby accepts from the State of Ohio the said Muskingum River improvement, and all the locks, dams, and their appurtenances, and the canals, belonging to said improvement, and all the franchises and property of every kind, and rights, in said river, and its improvements, now owned, held, and enjoyed by the State of Ohio, including all water leases and rights to use water under and by virtue of any lease of water now running and in force between the State of Ohio and all persons using said water, hereby intending to transfer to the United States such rights in said leases and contracts as are now owned, held, or reserved by the State of Ohio; but not to affect any right to the use of the water of said river now owned and held by the lessees of any water right under any lease or contract with the State of Ohio. To take ef- And the United States hereby assumes control of said feet when propriet, subject to the paramount interest of navigation. The provisions of this act, so far as they relate to the Muskingum River, shall not take effect, nor shall the money hereby appropriated be available, until the State of Ohio, acting by its duly authorized agent, turns over to the United States all property ceded by the act of the general assembly aforesaid, and all personal property belonging to the improvement aforesaid, and used in its care and improvement, and any balance of money appropriated by said State for the improvement of said river, and which is not expended on the fifteenth day of July, eighteen hundred and eighty-six.

OVET

Clinton River.

Improving Clinton River, Michigan: Continuing im-

provement, six thousand dollars.

Detroit River.

Improving Detroit River, Michigan: Continuing improvement, thirty-seven thousand five hundred dollars.

St. Clair Flats Canal.

Improving Saint Clair Ship-Canal, Michigan: Continuing improvement, eighteen thousand seven hundred and

St. Marys fifty dollars. River.

Improving Saint Mary's River, Michigan: Continuing improvement by a new lock and approaches, two hundred Lake and fifty thousand dollars.

May channel.

Improving Hay Lake Channel, Michigan: Continuing improvement, one hundred and fifty thousand dollars.

Improving Saginaw River, Michigan: Continuing im-Saginaw provement, thirty-three thousand seven hundred and fifty dollars; of which sixteen thousand eight hundred and seventy-five dollars are to be used above Bay City, and five thousand dollars in improving the west channel along

West Bay City.

The Secretary of War is authorized and directed to Board of Enappoint a Board of three engineers from the United port on value, States Army whose duty it shall be to examine, in all their age Lake and relations to commerce, the two improved water-ways River Improveknown as the Portage Lake and River Improvement Coment Code and 1, and pany Canal and the Lake Superior Ship-Canal Railway Ship Canal, and Iron Company Canal, being the improved harbors of Railway and refuge and the water communication across Keweenaw pany's canal. Point, from Keweenaw Bay to Lake Superior, by way of Portage River and Lake, in the State of Michigan, with a view to making the same a free passage-way and harbors 163, 435.

of refuge, to consider their value and all other matters 543, 557. connected with their usefulness to navigation, and which shall give information as to the expediency of the work and the desirability of their acquisition and improvement. The said board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and ten thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose.

Improving Chippewa River, Wisconsin: Continuing improvement from Dalles Dam to its mouth, eighteen

thousand seven hundred and fifty dollars.

Improving Fox River, Wisconsin: Continuing improvement below Montello, on the approved plan, fifty-six thousand two hundred and fifty dollars. And the Secretary completed as of War is hereby directed to have the examination and soon as practically survey of the Wisconsin River from Portage to the mouth, now being made by a board of engineers, completed as soon as practicable, and a report thereof made on or before the meeting of the next session of Congress. And the sum of six thousand dollars of the above appropriation, or so much thereof as may be necessary, may be expended at or near Portage City to prevent the overflow of the Wisconsin River into the Upper Fox River, so as to 418. prevent injury to the Government works on Fox River; and this expenditure may be made separately, or, if deemed more economical by the Secretary of War, in adding to any protecting works which may be made by the State of Wisconsin.

Improving Saint Croix River, Wisconsin and Minnesota: Continuing improvement, seven thousand five hun-

dred dollars.

Improving Wabash River, Indiana and Illinois: Con- Wabash River. tinuing work on lock and dams at Grand Rapids, and on the river from Grand Rapids, to its mouth, sixty thousand dollars, and nine thousand dollars to be expended on the river at Grayville [a].

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Chippewa

Fox River.

Survey to be ticable.

Vol. 25, p. Post, p. 508.

Improving White River, Indiana: Continuing improvement, below Hazleton, seven thousand five hundred dollars.

Calumet Riv-

Improving Calumet River, Illinois: Continuing improvement, thirty thousand dollars; of which eleven thousand two hundred and fifty dollars are to be used between the Forks and one half mile east of Hammond. Indiana, five thousand six hundred and twenty-five dollars of which are to be used in dredging the river between the Forks and the State line of Illinois and Indiana, and

Provisos.

cured.

five thousand six hundred and twenty-five dollars on the river at Hammond, Indiana: Provided, however, That no part of said sum, nor any sum heretofore appropriated. except the said eleven thousand two hundred and fifty dollars, for the river above the Forks shall be expended Right of way until the entire right of way, as set forth in Senate Executive Document Number Nine, second session Fortvseventh Congress, shall have been conveved to the United States free of expense, and the United States shall be fully released from all liability for damages to adjacent property-owners, to the satisfaction of the Secretary of War; and if any of the owners of real estate required to be taken or that is damaged for the purpose of straightening or widening that portion of the Calumet River for which the appropriation herein is now made, cannot be induced to convey to the United States such real estate so required, and release their claim for damages caused by said improvement, or should the owner or owners be incapable of conveying and releasing, or should his or her name or residence be unknown, or he Condemna or she be a non-resident of the State of Illinois, it shall then be the duty of the United States attorney for the northern district of Illinois to immediately file a petition in any court having jurisdiction thereof, in the manner and as authorized by the laws of the State of Illinois in such cases, for the purpose of ascertaining the just compensation to be paid the respective owners of the land taken or damaged: Provided, however, That the other owners of property and parties interested in said improvement shall first execute a bond to the United States, to be approved by the Secretary of War, for the payment of the costs of such proceedings, and to pay any judgment that may be rendered therein; and on failure to do so the Illinois Riv proceedings shall be dismissed.

ings.

Improving Illinois River, Illinois: Continuing improvement, one hundred and twelve thousand five hundred dollars: of which sum three thousand seven hundred and fifty dollars may be expended in dredging the river in front of Peoria.

Board of En-

The Secretary of War is authorized and directed to apgineers to report on value, point a Board of three engineers from the United States etc., of Hennepin Canal, etc. Army whose duty it shall be to examine, in all their relations to commerce, the Illinois and Michigan Canal, and the proposed Hennepin Canal [a], to consider their value and all other matters connected with their usefulness to navigation, and shall report upon the acquisition and improvement of the Illinois and Michigan Canal and the construction of the Hennepin Canal. The said Board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and fifteen thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose: Provided: That nothing in this paragraph shall be construed as committing the Government to the said improvement.

Proviso.

Improving Gasconda River, Missouri: Continuing improvement, seven thousand five hundred dollars.

Gasconade

Improving Osage River, Missouri: Continuing improvement by snagging and removing obstructions, ten Osage River.

thousand dollars.

Improving Red River of the North, Minnesota: Continuing improvement from Breckinridge to the northern boundary-line of the United States, including dredging, removal of snags and bowlders, and construction of wingdams, and so forth; and the money heretofore appropriated for locks and dams is hereby made available for this purpose.

Red River of the North.

Improving Yellowstone River between Glendive and Yellowstone River. the mouth, Montana: Continuing the improvement, eight-

Yellowstone

een thousand seven hundred and fifty dollars.

Mokel u m n e

Improving Mokelumne River, California, by removing Mok obstructions, two thousand five hundred dollars.

Improving Sacramento and Feather Rivers, California, and Feather forty thousand dollars of the money heretofore appro-rivers.

Vol. 26, p. Post, p. 540.

priated for improving said rivers that may remain unexpended at the end of the present fiscal year, for snagging and dredging operations and the cost of the proceedings hereinafter authorized, also ten thousand dollars to complete dredges authorized by act of July fifth, eighteen hundred and eighty-four; the balance of said unexpended money not to be used until the Secretary of War be satisfied that hydraulic mining hurtful to navigation has isfied that inceased on said rivers and their tributaries. If he be not jurious hysosatisfied, he is hereby instructed to institute such legal has ceased. proceedings as may be necessary to prevent the washing, Legal proslucing, dumping, or discharging detritus, debris, or ceedings to slickens, caused by or arising from such hydraulic mining, into either of said rivers or any of its tributaries, or into the San Joaquin River or any of its tributaries, or in or to such place or situation from which such detritus, debris, or slickens may be liable to be washed or carried by storms or floods into either of said rivers or tribu-

taries; and he is hereby instructed to use out of said sum

as much as may be necessary for said purpose.

a Now known as the Illinois and Mississippi Canal.

San Joaquin Im River; Stock-ton and Mor- MON mon sloughs.

Improving San Joaquin River and Stockton and Mor-Sloughs, California: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Canal at Cascades. Oreg.

Improving canal at the Cascades, Oregon: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars.

Columbia River.

Improving the Upper Columbia River, including Snake River, Oregon and Washington Territory: Continuing improvement, ten thousand dollars.

Improving the mouth of the Columbia River, Oregon. one hundred and eighty-seven thousand five hundred dol-

Willamette and Columbia rivers.

Snag boat.

Improving Lower Willamette River, and Columbia River below Portland, Oregon: Continuing improvement, seventy-five thousand dollars; of which sum twenty one thousand dollars for a snag boat to be used on the Willamette and Columbia Rivers, and five thousand dollars to be expended on the river in front of Portland.

Willamette River above Portland.

Improving the Upper Willamette River above Portland. Oregon: Continuing improvement, ten thousand dollars.

Coquille Riv-

Improving Coguille River, Oregon: Continuing improvement, twenty thousand dollars.

Chehalis Riv-

Improving Chehalis River, Washington Territory: Continuing improvement, two thousand five hundred dollars.

Cowlitz River

Improving Cowlitz River, Washington Territory: Continuing improvement, two thousand dollars.

Skagit, Stila-amish. Nook-

Improving Skagit, Steilaquamish, Nootsack, Snohosak, Snohom mish, and Snoqualmie Rivers, Washington Territory: ish, and Sno-continuing improvement, ten thousand dollars

Missouri

Improving Missouri River from its mouth to Sioux City: Continuing improvement, including necessary work at Omaha, Atchison, Saint Joseph, Fort Leavenworth Reservation, Arrow Rock, Kansas City, Plattsmouth, Brownsville, and Nebraska City, three hundred and seventy-five thousand dollars; to be expended under the direction of the Secretary of War, in accordance with plans and estimates to be furnished by the Missouri River Commission.

From Sioux City to Fort Benton.

Improving Missouri River from Sioux City to Fort Benton: Continuing improvement, sixty thousand dollars, under the direction of the Secretary of War.

Removing obstructions.

For removing obstructions in the Missouri River, twenty-two thousand five hundred dollars.

Ohio River.

Improving the Ohio River: Continuing improvement, three hundred and seventy-five thousand dollars; out of which sum thirty-seven thousand five hundred dollars are to be expended at Grand Chain in removing rocks and other obstructions to navigation at that locality; also eighteen thousand seven hundred and fifty dollars may be expended in constructing or aiding in the construction of such an embankment on the south side of the

Great Miami River, near its junction with the Ohio, as may be necessary to confine the waters of the Great Miami in great floods to the general course of its channel at or near the Ohio, to the end that the formation of the bar in the Ohio River now forming and obstructing navigation may be arrested; also thirty-seven thousand five hundred dollars, or so much thereof as may be necessary, of said appropriation shall be expended in constructing five ice-piers, pursuant to the present or prospective plans of the Chief of Engineers, at or near the following places. to wit: One at Pomeroy, Ohio; one at Middleport, Ohio; one at Gallipolis, Ohio; and one at Ironton, Ohio; and one at or near Ashland, Kentucky, on the south side of the Ohio River: Provided, That the Secretary of War is hereby authorized and directed to obtain, if he can do so without cost to the United States, perpetual leases or conveyances of the riparian rights of the property-own-Riphts. ers at each of said localities, in the event said ice-piers. or any one of them, shall be located where there is no improved landing-place: And provided further, That at localities where there are improved landings he shall first obtain a relinquishment of wharfage rights and dues in Relinquishment of wharffavor of water-craft seeking protection from damage by age rights. ice; and no part of this appropriation shall be used for such purpose until the foregoing conditions are complied with. Also, out of said appropriation for the Ohio River eighteen thousand seven hundred and fifty dollars for removing obstruction at the mouth of Licking River; also eleven thousand two hundred and fifty dollars for completing ice-harbor at Four-Mile Bar, near Cincinnati; also twenty thousand dollars, or so much thereof as may be necessary, for Davis Island Dam.

For continuing operations upon the reservoirs at the Miss headwaters of the Mississippi River, thirty-seven thousand five hundred dollars: *Provided*, That in the opinion of the Chief of Engineers the expenditure of this appropriation and the ultimate completion of this part of the reservoir system will adequately improve navigation.

For operating snag-boat on Upper Mississippi River, Upper Mississippi River,

twenty-two thousand five hundred dollars.

moines Rapids: Continuing improvement, three hundred Paul to Des and eighty-two thousand five hundred dollars; of which Moines Rapids. sum six thousand dollars or so much thereof necessary, shall be applied to the removal of the rock at Duck Creek Chain, at the Rock Island Rapids; and of which sum the further amount of fifteen thousand dollars, or so much thereof as may be necessary, may be used by the Secretary of War, in his discretion, for continuing the practical test of the flume invented by M. J. Adams, the said test to be made under the supervision and direction of said Adams; but if not so used the sum shall remain as a part of said appropriation, and be used for the purposes first in this paragraph specified.

Ice piers.

Provisos.

Riparian

Mississ i p p i Proviso.

Test of flume.

Mississippi Canal.

Improving Mississippi River at Des Moines Rapids River at Des Canal, under the modified project, twenty-six thousand two hundred and fifty dollars; of which sum fifteen thousand dollars are to be used for pier construction, in extending the outer wall of canal to the pivot-pier of the

Dry dock.

For dry-dock at Des Moines Rapids, forty-eight thousand seven hundred and fifty dollars. Improving ice-harbor at Dubuque, Iowa, the unex-

Ice harbor. Dubuque.

pended balance, or so much thereof as shall be necessarv. shall be applied to paving instead of riprapping said iceharbor.

Improving Mississippi River from Des Moines Rapids From Des Improving Mississippi River from Des Moines Rapids Moines Rapids River to the mouth of the Illinois River, including the river at the transfer of the Including the river at the transfer of the Illinois River, including the river at the transfer of the Illinois River. Quincy Bay and the removal of the bars at the mouth of Whipple Creek and Hamburg Bay, including also the strengthening of Sny Island Levee where it crosses Snicarte Slough and other sloughs: Continuing the improvement, one hundred and fifty thousand dollars.

Illi-From nois River Ohio River.

Improving Mississippi River from the mouth of the Illinois River to the mouth of the Ohio River, including the completion of the work at Alton, and, at the discretion of the Secretary of War, the protection of the Illinois shore opposite the mouth of the Missouri River: Continuing improvement, three hundred and seventy-five thousand dollars; of which thirty-seven thousand five hundred dollars, or so much thereof as may be necessary, to be expended in extending the work for the protection of the eastwardly bank of the Mississippi River at Cairo, and the prevention of its wash or erosion, commencing at the southerly end of the present Government revetment work and continuing down stream, and twenty-two thousand five hundred dollars for continuing improvement at Cape Girardeau, Missouri, and Montana Point, Illinois: Provided, That the Secretary of War, in his discretion may use not to exceed seventy-five thousand dollars of said sum of three hundred and seventy-five thousand dollars to correct the current of the river and improve the channel at Saint Louis.

From Head of Passes

Improving Mississippi River from Head of the Passes to the mouth of the Ohio River: Continuing improvement, two million dollars; which sum shall be expended under the direction of the Secretary of War, in accordance with the plans, specifications, and recommendations of the Mississippi River Commission: Provided, That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands or private property by overflows: Provided, however, That the Commission is authorized to repair and build levees if, in their judgment, it should be done as part of their plan to afford ease and safety to the navigation and commerce of the river and to deepen the channel: And provided further, That no

Provisos.

Levees.

works of bank protection or revetment shall be executed in said reaches or elsewhere until after it shall be found that the completion of the permeable contracting works and uniform width of the high-water channel will not secure the desired stability of the river banks: Provided. however, That nothing herein contained shall prevent the construction of revetment works where the banks are caving at Greenville Reach. Delta Point, in front of the cities of Vicksburg, Memphis, Hickman, and Columbus: And provided further, That contraction works shall be built at the same time in the wide portions of the river immediately above the said revetment works. Of the amount herein appropriated for the Lower Mississippi. seventy-five thousand dollars are to be expended in continuing the work in progress at New Orleans; one hundred and eighty-seven thousand five hundred dollars for the rectification of the Red and Atchafalava Rivers by preventing further enlargement of the latter stream and restricting its outlet capacity, and for keeping open a navigable channel through the mouth of Red or Old River into the Mississippi; thirty-seven thousand five hundred dollars in improving navigation in the Greenville Reach, by preventing the bank at Greenville from further caving; seventy-five thousand dollars in deepening the channel at Vicksburg by dredging through the bar existing there: but this last-named sum shall not be expended unless after another examination or survey the Commission shall deem it advisable; and if they shall not, then thirty-seven thousand five hundred dollars shall be expended in the improvement of navigation at Vicksburg by constructing suitable dikes and other appropriate works, and fifty-six thousand two hundred and fifty dollars in completing the work on the river at Memphis; also eighteen thousand seven hundred and fifty dollars for work on the river at Hickman, and eighteen thousand seven hundred and fifty dollars for work on the river at Columbus, Kentucky.

For examinations and surveys at South Pass, of the Mississippi River, pursuant to the act of March third, tions and sureighteen hundred and seventy-five, ten thousand dollars.

For survey of the Mississippi River from the Head of Survey from the Passes to its headwaters: Continuing survey, thirty to headwaters. thousand dollars.

For gauging the waters of the Lower Mississippi River and its tributaries, as provided for in joint resolution of the twenty-first of February, eighteen hundred and seventy-one, five thousand dollars.

For continuing the removal of snags, wrecks, and other Removal obstructions in the Mississippi River, fifty-six thousand

two hundred and fifty dollars.

For gauging the waters in the Columbia River, one Columbia River, gauging. thousand dollars.

South Pass. Examina-

Gauging.

SEC. 2. That in places where harbor lines have not Harbor lines Harbor lines to be established.

Vol. 25, post, p. stamp works can be made without injury to navigation, 518. Vol. 26, within lines to be established by the Secretary of War, p. 455. Post, vol. said officer may, and is hereby authorized to, cause such p. 584. Vol. said officer may, and is hereby authorized to, cause such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines such decrease within such lines wi 28, p. 364: lines to be established: and within such lines such dePost, p. 713: lines to be made. under regulations to be from time to vol. p. 30, posits may be made, under regulations to be from time to time prescribed by him[a].

887. New York

481. 1010. Proviso.

ments.

Sec. 3. It shall not be lawful to cast, throw, empty, or Prohibiting unlade, or cause, suffer, or procure to be cast, thrown vols. 25, p. emptied, or unladen, either from or out of any ship, ves36; 28, p. sel, lighter, barge, boat, or other craft, or from the shore,
155; 32, p. pier, wharf, or mills of any kind whatever, any ballast, pier, wharf, or mills of any kind whatever, any ballast, Post, pp. stone, slate, gravel, earth, slack, rubbish, wreck, filth, 709, 893, slabs addings sawdyst slack, rubbish, wreck, filth, slabs, edgings, sawdust, slag, or cinders, or other refuse or mill-waste of any kind, into New York Harbor: Pro-Not to pre-vided, That nothing herein contained shall extend, or be construed to extend, to the casting out, unlading, or throwing out of any ship or vessel, lighter, barge, boat, or other craft, any stones, rocks, bricks, lime, or other materials used, or to be used, in or toward the building, repairing, or keeping in repair, any quay, pier, wharf, weir, bridge, building, or other work lawfully erected or to be erected on the banks or sides of said harbor, or to the casting out unloading or depositing of any material excavated for the improvement of navigable waters, into such places and in such manner as may be deemed by the United States officer supervising the improvement of said harbor most judicious and practicable and for the best interests of such improvement.

Regulations. omical expenditure of appropriation, etc.

etc. to be prescribe such rules scribed by Sec. and regulations as may be necessary to secure a judicious retary of War and accompanied assembly to secure a judicious retary of war and accompanied assembly to secure a judicious retary and accompanied assembly to secure a judicious retary and accompanied assembly to secure a judicious retary and accompanied assembly accompanied assembly accompanied assembly as a secure a judicious accompanied assembly accompanied assembly accompanied assembly accompanied assembly acc retary of War and economical expenditure of the money herein appropriated, and shall cause to be made and submitted to Congress annual reports, together with maps and plans, including the report of the Mississippi River Commission, on or before December first, giving detailed statements of the work done, contracts made, the expenditures thereunder or otherwise, and balances of money on hand up to November first, and the effect of such work, together with such recommendations as he may deem proper. He shall, Yol. 30, p. at the same time, report to Congress all cases in which Post, p. 888. piers, breakwaters, locks, and dams, or other structures or works built or made by the United States in aid of commerce or navigation are used, occupied, or injured by a Vol. 30, pp. corporation or an individual, and the extent and mode of such use, occupation, or injury. He shall report, at the 896. 887, 889 same time, whether any bridges, causeways, or structures 892. now erected or in process of erection do or will interfere with free and safe navigation.

1154.

a This section is amended by the river and harbor acts of Aug. 11, 1888 (sec. 12), Sept. 19, 1890 (sec. 12), Aug. 18, 1894 (sec. 9), and Mar. 3, 1899 (sec. 11),

Sec. 5. It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys and estimates, in carrying on the various works, by contracts or otherwise, as may be most economical and advantageous to the Government. Where economical and advantageous to the Government. Where work to be said works are done by contract, such contract shall be done by contract of othermade after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution and completion of the work according to such contract, and for the prompt payment of all liabilities incurred in the prosecution thereof for labor and material.

Contracts.

Sec. 6. The Secretary of War is hereby directed, at his Examinations and surdiscretion, to cause examinations or surveys, or both, to be veys. made, and the cost of improvements to be estimated, at

the following localities, to wit: In the States of—

ARKANSAS.

Arkansas.

Re-examination of Little River.

The lakes connecting with Red River, between Shreveport, Louisiana, and Fulton, Arkansas.[a]

Re-examination of Ouachita above Camden, Arkansas.

Saline River.[b] Cache River.

CALIFORNIA.

California

San Pedro Bay near the entrance to Wilmington Harbor, with a view to establishing an outer harbor for the protection of deep-draught vessels.

Mouth of Smith's River.

Cresent City Harbor, with a view to a sea-wall from Battery Point to Flat Rock.

CONNECTICUT.

Connecticut.

Five-Mile River Harbor.

Resurvey of Duck Island Harbor, on Long Island Sound, including plans, specifications, and estimate of cost for making the same a harbor of refuge.

DAKOTA TERRITORY.

Dakota.

James River.

a The following-named streams were among those considered in the report upon this item, viz: Cypress Bayou, Soda Lakes, Clear Lake, Black Bayou (which empties into Clear Lake), Red Bayou (the one about 6 miles above Gilmer), Black Lake (known also as Cypress Brake), and Kelley Bayou, bA tributary of Ouachita River.

Delaware.

DELAWARE.

Duck Creek [Smyrna River].

Florida.

FLORIDA.

Punta Rassa Harbor.

Resurvey of Tampa Bay, including Hillsborough River up to the city of Tampa.

Resurvey of outer and inner bars at Pensacola. Charlotte Harbor, including San Carlos Bay.

Clear Water Harbor, including Anclote and Saint Joseph's Bays and the Narrows into Boga Ciega Bay. Wakulla River from its mouth to Wakulla Springs.

Wakulla River from its mouth to wakulla Springs. Survey of the channel from Haul-over, on Indian River, to Gilbert's Bar.

Saint Augustine, for a deep-sea channel on the outer

bar.

Georgia.

GEORGIA.

Savannah River from cross-tides above Savannah to the bar, with a view to obtaining twenty-eight feet of water in the channel.

Flint River from Montezuma to Old Agency. From Doboy Island to Doboy Bar. [a]

Jekyl Creek.

Illinois.

ILLINOIS.

Farm Creek, with a view to changing its course. Kaskaskia River from New Athens to mouth.

Bars in Hamburg Bay.

Calumet River from the forks of the river near its entrance into Lake Calumet to Riverdale; also Calumet River from Riverdale to Blue Island.

Mississippi River at Rush Island Bend and Ivy Landing, with a view to confining and deepening the channel.

Indiana.

INDIANA.

For a survey of the Ohio River, near the city of Evansville, Indiana, with a view to determine what, if anything, will be necessary to prevent a change of the channel of the river in front of that city.

Kentucky.

KENTUCKY.

Pond River.

The Secretary of War is directed to report to the next session of Congress whether or not the Government drydock at the Louisville and Portland Canal is adequate for

<sup>&</sup>lt;sup>a</sup> Doboy Island is at the mouth of Darien River, and is separated from Doboy Sound by Commodore Island. Doboy bar is in the ocean, opposite to the entrance to Doboy Sound.

the purposes of commerce, and what alterations, if any, are necessary, and the cost of making the same.

Licking River, from Farmer's to West Liberty.

Salt River.

For ice-harbor at Paducah, Kentucky.

The bar at the mouth of Limestone Creek, in the harbor of Maysville.

# LOUISIANA.

Louisiana.

Little River [a].

Bayou Rouge.

Dugdemona River.

Mouth of Bayou Plaquemine, with a view to its connection with the Mississippi River by locks; also Bayou Plaquemine and other connecting streams, to form the best route to Grand Lake.

Bague [Bogue] Falia from present landing to Cov-

ington.

Calcasieu Pass, the two bars obstructing the navigation thereof.

Mouth of Calcasieu River, the bar obstructing its mouth.

Bayou Terrebonne from Houma to Thibodeaux. Bayou Teche from Saint Martinsville to Fort Barre.

Mouth of Bayou La Fourche, with a view to the construction of a lock and dam; Clear Lake, Black Bayou, Red Bayou, Black Lake, and Kelley Bayou, to reopen navigable communication between those streams and Red River; Bayou La Fourche, to secure navigation at low water.

Cornay River.

Ouchita River from Camden to mouth, with a slack-

water navigation.

Bayou Vermillion, to secure navigation from Abbeville to the railroad bridge of the Louisiana and Texas Railroad.

Bayou Rondeway. Cypress Bayou. Bayou Vidal.

# MAINE.

Maine.

Bayoduce [Bagaduce] River between the towns of Penobscot and Brooksville.

Big Rapids of Saint John's River.

Camden Harbor.

Rockport Harbor.

Kennebec River at Bath, and from Augusta to lower end of Perkin's Island.

Saint George's River [b] from Warren to Thomaston.

 $<sup>^</sup>a$  The report on this item had reference to the river of this name that empties into Black River.

b Known also as Georges River.

Matinicus Isle, with a view to a harbor of refuge. Penobscot River from Bangor to Bucksport Narrows.

Saint Croix River from Ferry Point Bridge, at Calais,

to Breakwater Ledge.

Bar Harbor, Maine, with the view to establishing a breakwater and deepening the waters of said harbor, and especially the channel between Rodick's Island and Mount Desert Island.

Maryland.

MARYLAND.

Cambridge Harbor.

Fairlee Creek.

Patuxent River from Benedict to Hills Landing. For widening the channel of Baltimore Harbor to six hundred feet.

Massachu-

MASSACHUSETTS.

Manchester Harbor.
Duxbury Harbor.
Wellflett Harbor.
Falmouth Harbor of Refuge.
Vineyard Haven Harbor.
Cottage City Harbor.
Menemsha Harbor of Refuge.
Taunton River.
Winthrop Harbor.
New Bedford Harbor.

Michigan.

MICHIGAN.

Bar in Saint Clair River opposite Saint Clair City. Grand River.

North River between Essex and North Bridges [a].

Biddle's Point to Mackinac Harbor, with a view to a breakwater.

Harbor at Forestville, Lake Huron.

Pigeon River.

Mouth of Black River, Saint Clair County.

Carp River at Leland, with a view to affording an entrance to Carp Lake for harbor of refuge.

Lake Michigan at Empire, with a view to cutting a channel across the bar from Lake Michigan to Bar Lake.

Grand Traverse Bay, with a view to connecting it with Torch Lake, near Eastport.

Pinepog River.

Rouge River at its junction with Detroit River, and up the river to bridge of Saint Louis and Wabash Railroad. Torch Lake Channel, Lake Superior.

Minnesota.

MINNESOTA.

Red River of the North from Moorhead to Fergus Falls.

Red Lake River from Grand Forks to Red Lake.

a This locality could not be found.

Mississippi River between Saint Paul and Saint Anthony's Falls.

Minnesota River with a view to its improvement by

locks and dams.

#### MISSISSIPPI.

Mississippi.

Tombigbee River, to ascertain what improvement is necessary to make said river continuously navigable from Vienna, Alabama, to Walker's Bridge, Mississippi.

Cassity [Cassidy] Bayou.

Noxubee River, to ascertain whether it can be made continuously navigable by a system of locks and dams, or otherwise.

Bear Creek [a].

#### MISSOURI.

Missouri.

Resurvey of the Osage River from its mouth to Osceola, with a view to movable locks and dams, or other methods of improvement.

Little River from Hornersville to its junction with the

Saint Francis River.

Saint Francis River from Greenville to the Arkansas State line.

# NEW HAMPSHIRE.

New Hamp-

Bellamy River.

# NORTH CAROLINA.

North Caro-

Alligator River.

Lockwood's Folly River.

Lumber River.

Yadkin River from South Carolina line to the Narrows.

Catawba River.

#### NEW JERSEY.

New Jersey.

Thoroughfare running back of the ocean from Cape May to the Great Bay north of Atlantic City.

Channel back of Brigantine Beach, between Absecon

and Brigantine Inlets.

# NEW YORK.

New York.

Channel between Jamaica Bay and Rockaway Inlet.

The East River with a view to the removal of a ledge

The East River with a view to the removal of a ledge of rocks situated between five and six hundred feet from the foot of Tenth and Eleventh streets in the city of New York.

Spring Creek.

Waddington Harbor.

Mouth of Patchouge River.

Hudson River between New Baltimore and Coxsackie. Peter's Neck Bay.

Tonawanda Harbor and Niagara River between Black Rock and Tonawanda, with a view to a sixteen-foot channel.

Glen Cove Harbor.

Oregon.

OREGON.

Wood River. Link River.

Suislaw River and Bar.

Coquille River between Coquille City and Myrtle Point.

Nehalem Bay and Bar. Tillamook Bay and Bar. Umpqua River.

Ohio.

OHIO.

Sandusky Harbor, with a view to a straight channel from the north end of Cedar Point to the east end of the existing channel in front of the city.

Big Hockhocking River [a] from its mouth to Cool-

ville.

Chagrin River at its mouth.

Pennsyl-

PENNSYLVANIA.

Darby Creek.

Rhode Island.

RHODE ISLAND.

Little Narragansett Bay, entrance to the wharves at Watch Hill.

South Carolina.

SOUTH CAROLINA.

Mosquito Creek between the South Edisto and Ashepoo Rivers, with a view to connect the South Edisto with the Ashepoo at or near Fenwick's Island.

Mingo Creek. Clark's Creek.

Little Pee Dee River.

Alligator River and other waters connecting Santee River and Bull's Bay.

Tennessee.

TENNESSEE.

North Fork of the Forked Deer River below Dyersburg.

Obeils [Obey] River from the point where improvements have heretofore been made to the mouth of the West Fork.

Tovas

TEXAS.

Cedar Bayou, where it empties into Galveston Bay.

a Usually called Hocking River.

VIRGINIA.

Mattox Creek. Nansemond River.

Louisa [Levisa] Fork of [Big] Sandy River.

Roanoke River from Clarkesville, Virginia, to Eaton Falls, North Carolina.

Hunters Creek [a].

WEST VIRGINIA.

West Vir-

Virginia.

Meadow River. Gauley River. Coal Řiver.

WISCONSIN.

Wisconsin

Harbor at Hudson, Lake Saint Croix.

Examination and report on the causes of the extraorditions, survey, nary overflows of the Chippewa River, and what means, etc., not spe-

if any, can be adopted to prevent their recurrence.

Sec. 7. For examinations, surveys, and contingencies, and for incidental repairs, for which there is no special appropriation, for rivers and harbors, one hundred thousand dollars: Provided, That no surveys shall be made of any harbors or rivers until the Chief of Engineers shall have directed a preliminary examination of the same by Preliminary the local engineer in charge of the district, or an engineer to be made bedetailed for the purpose; and such local or detailed engineer shall report to said Chief of Engineers, whether, in his opinion, said harbor or river is worthy of improvement, and shall state in such report fully and particularly the facts and reasons on which he bases such opinion, including the present and prospective demands of commerce: and it shall be the duty of the Chief of Engineers to direct the making of such survey if, in his opinion, the harbor or river proposed to be surveyed be worthy of improvement by the General Government; and he shall report to the Secretary of War the facts, and what public necessity or convenience may be subserved thereby, together with the full reports of the local engineer. Said Reports to be made to House reports of preliminary examinations and surveys shall be of Representa-made to the House of Representatives, and are hereby printed.

ordered to be printed when so made. Sec. 8. That the Secretary of War shall report to Con-Names of gress, at its next and each succeeding session thereof, the neers to be rename and place of residence of each civilian engineer emported to Conployed in the work of improving rivers and harbors by means and as the result of appropriations made in this and succeeding river and harbor appropriation bills, the time so employed, the compensation paid, and the place

at and work on which employed.

Approved, August 5, 1886.

Proviso

a Location could not be found.

CHAP. 930 .- An Act To provide for protecting the interests of Aug. 5, 1886. Vol. 24, p. 335. the United States in the Potomac River flats, in the District of Columbia

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Attorney-General of Potoma c the United States to institute, as soon as may be, in the River flats, D. suppose court of the District of Columbia a suit assist supreme court of the District of Columbia, a suit against Suit to be all persons and corporations who may have or pretend to tablish title, have any right, title, claim, or interest in any part of the etc. in land any right, title, claim, or interest in any part of the affected by imland or water in the District of Columbia within the limprovement. its of the city of Washington, or exterior to said limits and in front thereof toward the channel of the Potomac River, and composing any part of the land or water affected by the improvements of the Potomac River or its flats in charge of the Secretary of War, for the purpose of establishing and making clear the right of the United States thereto.

No money to

Sec. 6. That until the final decision of the matters hereproperty in disciplination in this act mentioned shall have been had, no pute until final moneys appropriated for the improvement of the Potomac decision. River within the District of Columbia, the establishment of harbor-lines in the District of Columbia, and the raising of the flats therein shall be expended otherwise than upon property in respect of which there is no claim adverse to the title of the United States or for the improvement of navigation in the said river.

Approved, August 5, 1886.

Feb. 28, 1887. CHAP, 277.—An Act Granting to the Kanawha and Ohio Vol. 24, p. 429. Railroad Company the right to lay its track through United States lock and dam property in the Great Kanawha Valley, State of West Virginia.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the Kanawha and Ohio Railroad Company is Bight of way hereby authorized to maintain and use its track through and ohio R. R. the United States property at lock and dam number six Government on the north side of the Great Kanawha River, in Kanaproperty ha an awha County, West Virginia, and to use for a right of River, w. Va. way through said property a section of land fifty-four va. way through said property a section of land fifty-four feet wide and bounded and described as follows, to wit: Beginning at a point in the lower line of the United States lot one hundred and sixty-three feet from the corner stone marking the lower or western end of the line to said lot along the public road, running thence north sixty-six degrees east six hundred feet through the said lot to a point in the upper line thereof; thence with said upper line south twenty-four degrees thirty minutes east, crossing the center line of the said railroad at twentyseven feet, in all fifty-four feet: thence south sixty-six

Location.

degrees west six hundred feet through the said lot to a. point in the lower line thereof: thence with the lower line of said lot north twenty-four degrees thirty minutes west, crossing the center line of the said railroad at twenty-seven feet, in all, fifty-four feet, to the place of beginning, containing about three-fourths of an acre. And the privilege is also hereby granted to said company of hereafter laying, maintaining, and using a track through the United States property on the north bank of said river at lock and dam number four, and at lock and dam number three, and at lock and dam number two, in said county, subject however, to the antecedent written consent and approval of the Secretary of War as to location, construction, and width of right of way: Provided, That said Kanawha and Ohio Railroad Company, its successors and assigns, shall if the Secretary of War in his discretion require it, pay a reasonable yearly rental for said property, the amount thereof to be ascertained and prescribed by the Secretary of War: Provided, however, That the said company shall construct and maintain, at its own cost, all such wagon-crossings, cattleguards, and fences over and along the line of its road through the said Government property, at all of the four lock and dam sites mentioned in this act, as may be required by the Secretary of War: Provided further, That Removal of the said company shall take up and remove its track or required. tracks from the said property, or any part thereof, at either or all of the four sites mentioned, whenever thereto directed by the Secretary of War; and such removal shall not be made the foundation for any claim for damages against the United States: And provided further, That the right to repeal, alter, or amend this act is reserved to Congress.

Approved February 28, 1887.

Provisos.

Rental

Crossings.

CHAP. 4.—An Act Making appropriations to supply deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for prior years, and for other purposes.

Feb. 1, 1888. Vol. 25, p. 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury appropriation, not otherwise appropriated, to supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-seven, and for other objects hereinafter stated, namely:

Deficien cies

To pay D. M. and C. P. Dull the amount ascertained D. M. and C. by the Secretary of War to be due them for work done P. Dull. Vol. 22, p. on the Great Kanawha River, West Virginia, and by rea- 209. son of changes in their contract, and so forth, thirty-four

. thousand three hundred and seventy-nine dollars and

thirty cents.

Payment Charles Mc-Cafferty.

> Proviso. Payment

subcontracts.

To pay Charles McCafferty the amount ascertained by the Secretary of War to be due him for work on the Great Kanawha River, West Virginia, and by reason of changes in his contract, and so forth, thirty thousand three hundred and seventy dollars and fifteen cents [a]: Provided, That any contract indebtedness of said McCafferty incurred by subcontract, or for labor or material furnished for the prosecution of the work on which this sum is based, shall be first ascertained and paid by the Secretary of War and the balance paid to said McCafferty. Said amounts shall be received in full satisfaction of all claim under said contract.

FOX AND WISCONSIN RIVERS IMPROVEMENT.

Payment of judgments consin rivers.

For payment of judgments and awards recovered plugments on against the United States for flowage damages caused by damages, improvement of the improvement of the Fox and Wisconsin Rivers, in the Fox and Wisconsin Rivers, in the Fox and Wisconsin Rivers, in the At-State of Wisconsin, and reported to Congress by the Attornev-General in Senate Executive Document Ninetvfour, Forty-ninth Congress, second session, as follows:

John Glatz, one hundred twelve dollars and fifty cents: Andreas Haesly, four hundred and twenty-two dollars;

Rufus Lane, two hundred dollars;

R. C. Ernst, three hundred and twenty-five dollars: Mary Young, six hundred sixty-two dollars and sixtysix cents:

E. B. Fisk, four hundred fifty-eight dollars and thirty-

three cents:

William McLaren, five hundred thirty-six dollars and

sixty-six cents;

Frederick Nable, six hundred ninety-eight dollars; Henry Kuhn, four hundred and fifty dollars:

Eliza A. Clark, three hundred and fifty dollars;

Emily L. Stickney, three hundred dollars;

Henry Kempf, two hundred and fifty dollars; · John Kien, three hundred seventeen dollars and thirtythree cents:

Robert Buckstaff, six hundred and fifty dollars:

Charles Morgan, eight hundred five dollars and eighty-

three cents;

Caroline Mitchell, Nellie Mitchell, Mary Blackman, Alice Mitchell, and Emma Mitchell, heirs of Samuel Mitchell, deceased, three hundred forty-one dollars and sixtysix cents;

Sarah P. Locke, six hundred thirty-one dollars and

sixty-six cents:

T. A. Rogers, five hundred and eleven dollars;

a The amount actually paid pursuant to the provisions of this paragraph was \$29,283.84, the balance, \$1,086.31, having been returned to the surplus fund.

N. Naumer, five hundred eighty-two dollars and fifty cents:

Nelson Allen, four hundred sixty-two dollars and fifty

cents;

William B. Knapp, six hundred ninety-one dollars and sixty-seven cents:

John Gores, four hundred thirty-six dollars and sixty-

six cents:

G. A. Randall, two hundred and eighty dollars;

Charles Kalbus, five hundred sixteen dollars and sixtysix cents;

F. C. Arnold, four hundred and seventy-five dollars; Balthazar Gallatine, four hundred twenty-six dollars and sixty-six cents;

Charles Rohr, five hundred ninety-one dollars and

sixty-six cents;

Carl Derber, four hundred dollars;

George Rogers, two thousand four hundred and forty dollars:

Commodore Rogers, one thousand four hundred and

eighty dollars;

Martha E. Roberts, two thousand two hundred thirty-three dollars and thirty-three cents:

D. L. Libbey, two thousand one hundred ninety-six dollars and ninety-six cents;

Henry C. Westphal, three hundred and fifty dollars;

L. C. Porter, three hundred and ten dollars;

John Ryf, one thousand three hundred and seventy-five dollars;

J. E. La Grange, one thousand two hundred and ninety

dollars and sixty-six cents;

W. H. Ternouth, four hundred and seventy dollars; Pauline Schaffer, substituted for August Schaffer, ninety dollars;

Frederick Webber, seventy-five dollars;

Fred. Malchow and John F. Brown, four hundred dollars;

Ferdinand Flester, one hundred and fifty dollars;

Ed. M. Brainerd, seven hundred and twenty-five dollars;

August Beduhn, three hundred eleven dollars and sixty-

six cents;

P. C. Callup, four hundred and fifty dollars;

Wilhelmine Naffin, four hundred fifty-three dollars and thirty-three cents;

John R. Wheeler, four hundred forty-three dollars and

thirty-three cents;

George M. F. Arnold, three hundred fifty-eight dollars and thirty-three cents;

Hugh Gear, four hundred eighty-three dollars and thirty-three cents;

Mary Dickinson, six hundred and twenty-five dollars;

A. Ackermann, three hundred fifteen dollars and twenty-five cents;

Robert Jaenicke, four hundred sixty-two dollars and fifty cents;
A. Merton, five hundred dollars;

Regina Laescher, two hundred dollars;

Lorenz Kenzel, one hundred and fifty dollars:

John Scheer, one hundred dollars;

Robert Petzhold, five hundred and sixty dollars: Orson Angell, eight hundred and forty dollars: Charles E. Angell, two hundred and fifty dollars:

Nelson Shepperd, Catharine Shepperd, and Walter Shepperd, by his guardian ad litem, Nelson Shepperd, three hundred dollars:

Thomas Davis, six hundred and sixteen dollars and

sixty-six cents:

Theodore Grubbe, one thousand three hundred dollars:

Francis Weverhurst, four hundred dollars:

Lucas M. Miller, five thousand three hundred and thirty-two dollars:

Frederick Malchow, one hundred and forty dollars;

Ludwig Malchow, three hundred dollars;

Gottlieb Doehmel, one thousand two hundred and ten dollars:

Eric B. Sternan, six hundred and eighty-two dollars;

Mahala Sturtevant, one thousand dollars;

Charles Robinson, three hundred and forty-four dollars;

Patrick Quilty, one hundred dollars; G. W. Washburn, nine hundred dollars:

The Island Park Association and Gabe Bouck, one thousand one hundred forty-four dollars and seventytwo cents:

Peter McCourt, three hundred and fifty dollars: August Porath, four hundred and eighty dollars:

John Winchlag, two hundred and ten dollars;

John Behrand, one hundred dollars:

John Leonard, six hundred and twenty-five dollars; Mary E. Wright, one thousand three hundred dollars: William E. Mills, six hundred and sixty dollars:

Ed. L. Matthewson, three thousand nine hundred and

forty-five dollars;

George W. Merritt, executor of the last will and testament of Eliza Merritt, deceased, seven hundred and eighty-four dollars;

Sedate D. Paddleford, two thousand four hundred dol-

John Strum, seven hundred and forty-five dollars;

John Schroeder, seven hundred and forty-four dollars; Hansuma S. Bangs, as administratrix of the estate of Alexander Bangs, one thousand one hundred and forty dollars;

A. S. Trow, seven hundred and fifty dollars;

George Allanson, substituted for J. D. Harris, one hundred and sixty dollars;

Mary W. Stow, two thousand seven hundred sixtyfour dollars and eighty cents;

Benjamin F. Moore, four thousand five hundred forty-

two dollars and sixty-one cents:

Heman Hodgkin, two thousand eight hundred fiftyeight dollars and six cents:

Ann White, seven hundred and forty-two dollars:

Joseph Kinsman, four thousand nine hundred sixty-

three dollars and ninety-seven cents:

D. D. Trelevan, surviving executor of last will and testament of T. J. Wood, deceased, one thousand four hundred and sixty-six dollars and forty-nine cents:

Richard B. Charles, nine hundred and sixty dollars; William R. Tallmadge, as executor of the last will and testament of William R. Tallmadge and Sarah J. Tallmadge, deceased, three hundred and twenty dollars:

Gustavus A. Bensom, and Henry A. Geisse, trustees of the estate of F. William Geisse, five hundred and twenty-

four dollars;

James Whitton, six hundred and eighty-two dollars; Dennis Ryan, three hundred and eighteen dollars:

Nicholas Krebsbach, four hundred seventeen dollars and ninety cents;

Peter Krebsbach, four hundred seventeen dollars and

ninety cents;

Mirton F. Mosher, as administrator of the estate of Jeremiah Mosher, deceased, one thousand four hundred seventy-seven dollars and fifty-two cents;

L. H. Bishop, Luke W. Bishop, Lucerne Bishop, Lucretia Bishop, Louisa M. Bishop, and Lafayette Bishop, eight hundred and fifty-seven dollars;

James A. Fisher, one thousand two hundred and sixty

dollars and thirty-three cents;

Ezra Peebles, six hundred four dollars and forty-five

J. C. Robbins, seven hundred sixty-nine dollars and fifty-five cents:

Cynthia B. Ripley, two hundred thirty-two dollars and

twelve cents:

Isaiah Rifenbach, one thousand one hundred forty-nine dollars and eighty-two cents;

Valentine Mingel, one thousand four hundred sixty-five

dollars and eighty-eight cents;

Alexander W. Stow, and Randall A. Stow, three thousand dollars;

Marcellus Ayers, one hundred and fifty dollars; Harvey D. Saint John, six hundred dollars;

Theodore Herling, three hundred dollars; Antoinette Herling, seventy-five dollars;

W. H. Miller, as administrator of the estate of William Miller, deceased, and I. Newton Miller, three thousand three hundred seventy-nine dollars and twenty cents;

John S. McDonald, six hundred and forty dollars;

Ralph O. Fox and Edward McCaffrev, one hundred seven dollars and twenty cents:

James Rockafellow, one hundred thirty-three dollars

and thirty-eight cents:

Catherine Stillwell, four hundred thirty-nine dollars and forty-five cents:

Francis E. Aldrich, one hundred twenty dollars and

seventy cents:

George Ennis and Samuel Ennis, six hundred dollars: Martha J. Rundell, seventy-three dollars and twenty

Joseph Yates, three hundred dollars:

R. S. Harrington, one hundred and twenty-five dollars: Henry B. Basing, fifty dollars; in all, one hundred thousand, twenty-four dollars and fifty-three cents.

Provisos. Limitation for enite

Provided, That hereafter the United States Governbringing ment shall not be held liable for damages heretofore or now caused by the overflow of the lands or other property of any person in the prosecution or maintenance by the United States Government of any of the works of improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, unless the action of proceeding to ascertain and determine the amount for which compensation is now legally owing for the damages occasioned by such overflow, and as contemplated by the act of Con-

gress approved March third, eighteen hundred and sevyol. 18, p. enty-five, entitled "An act to aid in the improvement of Ante, p. 252, the Fox and Wisconsin Rivers, in the State of Wisconsin," shall have been or shall be commenced as provided in said act, and the acts amendatory thereof, prior to the passage of this act, and all claims and causes of action now existing upon which no proceeding has been already or shall be taken within the time last specified to enforce the c. same shall be forever barred. And the said act approved March third, eighteen hundred and seventy-five be, and the same is hereby, repealed, but no action or proceeding which shall be pending shall be in any way affected by this repeal: Provided, however, That all appeals on the part of the United States to the courts from the awards. and determinations of any such commission shall proceed

Vol. 18, c. 166, p. 506, repealed.

> Proviso. Appeals.

> > in the same manner as though said act had not been repealed.

Charles Sweany. Payment to, Fox damages, Fox and Wisconsin rivers.

To pay amount of judgment in favor of Charles Sweany for flowage damages caused by the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, certified by the Attorney-General in House Executive Document Number Two hundred and seven, Forty-ninth Congress, first session, one thousand, sixty-seven dollars and nine cents, being in addition to the sum of one hundred fourteen dollars and sixty-five cents appropriated for costs on appeal to the superior court in the deficiency appropriation act approved August fourth, eighteen hundred and eighty-six.

To pay the amounts due the several commissioners to ascertain flowage damages caused by the improvement of commissioners the Fox and Wisconsin Rivers, in the State of Wisconsin, damages, Fox as follows:

rivers.

To Commissioner J. V. Swetting, one thousand one hundred seventy-three dollars and twenty-five cents:

To Commissioner J. C. Burdick, one thousand four hundred forty dollars and ninety-five cents;

To Commissioner J. C. Thompson, eight hundred

eighty-two dollars and sixty cents;

To Commissioner G. H. Buckstaff, three hundred thirty-two dollars:

To Commissioner E. M. Wadsworth, two hundred

fifty-five dollars and fifteen cents:

To Commissioner G. H. Read, three hundred fifty-seven dollars and thirty cents.

To Commissioner J. C. Burdick, one thousand five hun-

dred and sixty-four dollars;

To Commissioner J. V. Swetting, one thousand five

hundred and sixty-four dollars;

To Commissioner B. L. Cornish, one thousand four hundred and eighty-five dollars:

To Commissioner G. H. Buckstaff, one thousand four hundred and eighty-five dollars;

In all, ten thousand five hundred and thirty-nine dol-

lars and eighty-five cents.

rs and eighty-tive cents.

That so much of the act approved August fourth, Augusta G. August appropriations Amount appropriations eighteen hundred and eighty-six, making appropriations to supply deficiencies in the appropriations for the fiscal propriated for, year eighteen hundred and eighty-six and for prior years. <sup>Vol. 24</sup>, p. and for other purposes, as appropriates twenty-two thousand two hundred and eighty-seven dollars and six cents to pay the unappealed judgment and award of Augusta [sic] G. Ruggles, recovered against the United States, and reported by the Attorney-General in Executive Document Number Two hundred and seven, Forty-ninth Congress. first session, be, and the same is hereby, so amended as to appropriate only the sum of twenty thousand two hundred and eighty-seven dollars and six cents [a].

Approved, February 1, 1888.

[No. 5.] Joint Resolution Authorizing the Secretary of War to Mar. 5, 1888. appoint a Board of three engineers to examine and report in rela- Vol. 25, p. 618. tion to the Delaware River between the city of Philadelphia, Pennsylvania, and Camden, New Jersey, and for other purposes.

Ante, p. 431.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,

a The total amount paid to Augustus G. Ruggles under the act approved August 4, 1886, as amended by this act, approved February 1, 1888, was \$21,612.48, including interest.

Secretary of That the Secretary of War be, and he is hereby, authorwar to appoint Board of Engi- ized to immediately appoint a board of three engineers neers to examine from the United States army whose duty it shall be to adelphia, Pa., known as Smith's Island, Windmill Island and Petty's N. J. River at Phil- examine in all their relations to commerce the Islands Island in the Delaware River between the city of Philadelphia in the State of Pennsylvania and the city of Camden in the State of New Jersey, which board shall forthwith report to the Secretary of War as to whether said islands or any shoal in the said river between or adjacent to the said islands or any of them constitute an obstruction to the commerce of the Delaware river or to the passage of vessels between the said States and with a view to removing said islands and shoals to report a plan with the estimate of cost for their removal in whole or in part and for the improvement of the harbor of the port of Philadelphia including the probable cost to the Government of said islands so as to secure free and uninterrupted commerce upon the said Delaware river and the unobstructed passage of vessels to and from and between the said States; and the sum of five thousand dollars or so Appropriation much thereof as shall be necessary is hereby appropriated to be paid out of any money in the Treasury not otherwise appropriated to defray the expense of such survey and report.

Approved, March 5, 1888.

Mar. 30, 1888. Vol. 25, p. 47.

tion.

CHAP. 47.—An Act To provide for certain of the most urgent deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums, or so much thereof as may Urgent defi- be necessary, be, and the same are hereby, appropriated, ciencies appro- out of any manay in the out of any money in the Treasury not otherwise appropriated, for the objects hereinafter expressed, for the service of the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and prior years, namely:

priations.

Examina-Examinations and Surveys at South Pass, Missistions, etc., south Pass, SIPPI RIVER: Annual expenses of ascertaining the depth Mississippi of water and width of channel secured and maintained Not. 18, p. from time to time at South Pass of the Mississippi River,

Ante, p. 246. to enable the Secretary of War to report to Congress durvol. 20, p ing the maintenance of the work, as required by Con-Ante, p. 281 gress, eight thousand eight hundred dollars.

Approved, March 30, 1888.

CHAP. 55. -An Act For the relief of R. G. Huston and Company.

Apr. 2, 1888. Vol. 25, p.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he hereby is, authorized and directed to pay R. G. Huston and John B. Neely, partners as R. G. Huston and Company, the sum of seven thousand five hundred and seventy-two dollars and forty-eight cents, for replacing earth and material washed away from the levees fon Mississippi River from Milton to Raleigh, in the State of Louisiana, by the extraordinary floods of February, eighteen hundred and eighty-three, the same being in full payment for all extra work done by them in connection with their contract with the United States under date of October third. eighteen hundred and eighty-two; and said sum is hereby appropriated to the payment of the same out of any moneys in the Treasury not otherwise appropriated.

R. G. Huston & Co. Payment to.

Approved, April 2, 1888.

CHAP. 194.—An Act To facilitate the prosecution of works projected for the improvement of rivers and harbors.

Apr. 24, 1888. Vol. 25, p. 94.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assemings to be instituted, in the name of the United States, river and harin any court having jurisdiction of such proceedings, bor improvefor the acquirement by condemnation of any land, right Vol. 5, p.
of way, or material needed to enable him to make the condemnation of the united States, river and haring improvements. operate or prosecute works for the improvement of rivers and harbors for which provision has been made by law; such proceedings to be prosecuted in accordance with the laws relating to suits for the condemnation of property of the States wherein the proceedings may be instituted: Provided, however, That when the owner of such land, right of way, or material shall fix a price for the same, which in the opinion of the Secretary of War. shall be reasonable, he may purchase the same at such price without further delay: And provided further, That the Secretary of War is hereby authorized to accept donations of lands or materials required for the maintenance or prosecution of such works [a].

Ante, p. 95.

Provisos. Purchase.

Donations.

Approved, April 24, 1888.

a Act approved August 1, 1888 (chap. 728, vol. 25, p. 357, not included in this compilation), is somewhat similar to this act, though less comprehensive. See joint resolution approved September 11, 1841, page 95 hereof.

CHAP. 234. -An Act To authorize the city of Chicago to May 9, 1888. Vol. 25, p. 136. erect a crib in Lake Michigan for water-works purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress is hereby given to

tend water

Proviso. Lights.

Lake Michi the city of Chicago, county of Cook, State of Illinois, Chicago au to extend a tunnel, or inlet pipes, into Lake Michigan, thorized to ex- so far as may be deemed necessary, to insure a supply of pure water and to erect a pier or piers and crib in the navigable waters of said lake, for the making, preserving and working of said aqueducts or pipes or tunnel, the plan and location thereof to be subject to the approval of the Secretary of War: Provided, That said city shall furnish and maintain at its own expense, such beaconlights or other signals on such piers or crib, as the Light-House Board shall prescribe.

Approved, May 9, 1888.

CHAP. 257.—An Act Relating to the anchorage of vessels in May 16, 1888. Vol. 25, p. 151. the port of New York.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury is authorized, York empowered, and directed to define and establish an an-Anchorage chorage ground for vessels in the bay and harbor of New

New Harbor. grounds.

York, and in the Hudson and East Rivers, to adopt suita-Regulations ble rules and regulations in relation thereto, and to take all necessary measures for the proper enforcement of such

rules and regulations.

Penalty for violating rules.

SEC. 2. That in the event of the violation of any such rules or regulations by the owner, master, or person in charge of any vessel, such owner, master, or person in charge of such vessel shall be liable to a penalty of one hundred dollars, and the said vessel may be holden for the payment of such penalty, and may be seized and proceeded against summarily by libel for the recovery of the same in any United States district court for the district within which such vessel may be, and in the name of the officer designated by the Secretary of the Treasury.

Effect.

Sec. 3. That this act shall take effect immediately. Approved, May 16, 1888.

May 21, 1888. · Vol. 25, p.

1069.

CHAP. 304.—An Act For the relief of Emory R. Seward.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he is

Emory R. Se- hereby, directed to pay to Emory R. Seward, out of any Payment to. money in the Treasury not otherwise appropriated, the sum of eight thousand one hundred and seventy-four dollars and seventy-nine cents, for balance due said Seward for work done in removing rock at the entrance of New Rochelle Harbor, State of New York: Provided, If in the judgement of the Chief of Engineers, the necessities of commerce require the completion of said contract, or any portion of it, there shall in making settlement with the said Emory R. Seward be deducted from the abovenamed appropriation such an amount, as in his judgement, it will cost in excess of the sum of six hundred and twenty-five dollars to complete such contract in a manner to meet the necessities of commerce at that point.

Approved, May 21, 1888.

Proviso.

Deduction.

CHAP. 496.—An Act To prevent obstructive and injurious de- June 29, 1888. posits within the harbor and adjacent waters of New York City, Vol. 25, p. 209, by dumping or otherwise, and to punish and prevent such offenses.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the placing, discharging, or depositing, by any process or in any manner, of refuse, dirt, ashes, cinders, Harbor, Indian mud, sand, dredgings, sludge, acid, or any other matter posits in, forof any kind, other than that flowing from streets, sewers, of any kind, other than that flowing from streets, sewers, budges, 24, p. and passing therefrom in a liquid state, in the tidal \$\frac{3}{3} \frac{2}{9} \cdot; \frac{28}{30}, \frac{p}{28}, \frac{p}{30}, \frac{p}{ tributary waters, or in those of Long Island Sound, within the limits which shall be prescribed by the super- post, pp. 1010. visor of the harbor, is hereby strictly forbidden, and every such act is made a misdemeanor, and every person engaged in or who shall aid, abet, authorize, or instigate a violation of this section, shall, upon conviction, be punishable by fine or imprisonment, or both, such fine to be not less than two hundred and fifty dollars nor more than two thousand five hundred dollars, and the imprisonment to be not less than thirty days nor more than one year. either or both united, as the judge before whom conviction is obtained shall decide, one-half of said fine to be paid to the person or persons giving information which shall lead to the conviction of this misdemeanor.

SEC. 2. That any and every master and engineer, or Punishment person or persons acting in such capacity, respectively, boat violating. on board of any boat or vessel, who shall knowingly engage in towing any scow, boat, or vessel loaded with any such prohibited matter to any point or place of deposit, or discharge in the waters of the harbor of New York, or in its adjacent, or tributary waters, or in those of Long Island Sound, or to any point or place elsewhere than within the limits defined and permitted by the supervisor of the harbor hereinafter mentioned, shall be deemed guilty of a violation of this act, and shall, upon conviction, be punishable as hereinbefore provided for offenses

New

Punishment.

in violation of section one of this act, and shall also have his license revoked or suspended for a term to be fixed by the judge before whom tried and convicted.

Transporting

SEC. 3. That in all cases of receiving on board of any matter to discharging place scows or boats such forbidden matter or substance as vol. 28, p. herein described, it shall be the duty of the owner or Post, p. 709. master, or person acting in such capacity, on board of such scows or boats, before proceeding to take or tow the

Permits.

for violation.

same to the place of deposit, to apply for and obtain from the supervisor of the harbor appointed hereunder a permit defining the precise limits within which the discharge of such scows or boats may be made; and any deviation from such dumping or discharging place specified Punishment in such permit shall be a misdemeanor within the meaning of this act: and the master and engineer, or person or persons acting in such capacity, on board of any tow-boat towing such scows or boats, shall be equally guilty of such offense with the master or person acting in the capacity of master of the scow, and be liable to equal punish-

ment.  $\lceil a \rceil$ 

Disposal matter dredgho

Sec. 4. That all mud, dirt, sand, dredgings, and material of every kind and description whatever taken, dredged, or excavated from any slip, basin, or shoal in the harbor of New York, or the waters adjacent or tributary thereto, and placed on any boat, scow, or vessel for the purpose of being taken or towed upon the waters of the harbor of New York to a place of deposit, shall be deposited and discharged at such place or within such limits as shall be defined and specified by the supervisor of the harbor, as in the third section of this act prescribed,

Responsibiliand not otherwise. Every person, firm, or corporation being the owner of any slip, basin, or shoal, from which such mud, dirt, sand, dredgings, and material shall be taken, dredged, or excavated, and every person, firm, or corporation in any manner engaged in the work of dredging or excavating any such slip, basin, or shoal, or of removing such mud, dirt, sand, or dredgings therefrom, shall severally be responsible for the deposit and discharge of all such mud, dirt, sand, or dredgings at such place or within such limits so defined and prescribed by said supervisor of the harbor; and for every violation of the provisions of this section the person offending shall be guilty of an offense against this act, and shall be punished by a fine equal to the sum of five dollars for every cubic yard of mud, dirt, sand, dredgings, or material not Legal pro-deposited or discharged as required by this section. boat or vessel used or employed in violating any provision

ceedings.

a This section is amended by section 3 of the act of August 18, Section 12 of the river and harbor act approved June 13, 1902, amends the last paragraph of section 20 of the river and harbor act approved March 3, 1899, by declaring that nothing in the last-named act shall be construed as repealing, modifying, or in any manner affecting the provisions of the above act, approved June 29, 1888, as amended by section 3 of the act of August 18, 1894.

of this act, shall be liable to the pecuniary penalties imposed thereby, and may be proceeded against summarily by way of libel in any district court of the United States.

having jurisdiction thereof.

SEC. 5. That a line officer of the Navy shall be desig- Supervisor of her bearing to be nated by the President of the United States as supervisor appointed. of the harbor, to act under the direction of the Secretary of War in enforcing the provisions of this act, and in detecting offenders against the same. This officer shall receive the sea-pay of his grade, and shall have personal charge and supervision under the Secretary of War, and shall direct the patrol boats and other means to detect and bring to punishment offenders against the provisions of this act.

Sec. 6. That the sum of thirty thousand dollars or so much thereof as may be necessary, is hereby appropriated tion. to carry out the provisions of this act; and the Secretary of the Treasury is hereby authorized to pay that sum from moneys in the Treasury not otherwise appropriated.

Appropria-

Approved, June 29, 1888.

CHAP. 860.—An Act Making appropriations for the construct Aug. 11, 1888. tion, repair, and preservation of certain public works on rivers Vol. 25, p. 400. and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the harbor appro-Treasury not otherwise appropriated, to be immediately available, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

River and

Improving harbor at Rockland, Maine: Continuing Harbors. Rockland, Me. improvement, thirty thousand dollars.

Improving breakwater at the mouth of Saco River, Mouth of Saco River, Maine: Continuing improvements and repairs, twelve Me. thousand five hundred dollars.

Improving harbor at York, Maine: Continuing im-York. Me.

provement, ten thousand dollars.

For commencing the construction of a breakwater from Mount Des-Mount Desert to Porcupine Island, Maine, fifty thousand ert breakwater, dollars.

Improving harbor at Portland, Maine: Continuing im- Portland, Me. provement, forty thousand dollars.

Improving harbor at Camden, Maine, five thousand Camden, Me.

Improving harbor at Back Cove, Portland Harbor, Back Cove, Maine: Continuing improvement, twenty-five thousand Portland, Me.

Improving harbor at Rockport, Maine, ten thousand Rockport, Me.

dollars.

Mass.

Improving harbor at Portsmouth, New Hampshire: Portsmouth. Continuing improvement, fifteen thousand dollars.

Little Har-bor, N. H. Improving harbor of refuge at Little Harbor, New Hampshire: Continuing improvement on the enlarged plan, twenty thousand dollars.

Improving harbor at Burlington, Vermont: Continu-Burlington.

ing improvement, thirty-five thousand dollars.

Improving the channel between the islands of North Hero Islands, vŕ Hero and South Hero, Lake Champlain, Vermont, ten thousand dollars.

Improving harbor at Gordon's Landing, Lake Cham-Gordon s Landing, Vt. plain. Vermont: Continuing improvement, ten thousand dollars.

Boston, Mass. Improving harbor at Boston, Massachusetts: Continuing improvements, one hundred and twenty-five thousand dollars; one half of which shall be used in widening the main ship channel at the "upper and lower middle;" and so much thereof as may be necessary may be expended in extending the sea-wall at Gallup's Island.

Lvnn. Mass. Improving harbor at Lynn, Massachusetts: Continuing improvement, ten thousand dollars; a part of which may, in the discretion of the Secretary of War, be used at the Point of Pines and in the western channel leading thereto. and a portion in the basin enclosed by the wharves of said city of Lynn.

Nantucket. Improving harbor at Nantucket, Massachusetts: Con-Mass. tinuing improvement, twenty thousand dollars.

Newburyport. Improving harbor at Newburyport, Massachusetts: Mass. Continuing improvement, twenty-five thousand dollars.

Plymouth. Improving harbor at Plymouth, Massachusetts: Continuing improvement, six thousand dollars; a part of which may, in the discretion of the Secretary of War, be applied to the improvement in said harbor of Goose Point Channel to the port of Kingston and North Plymouth.

Province-town, Mass. Improving harbor at Provincetown, Massachusetts: To complete, seven thousand dollars.

Scituate. Improving harbor at Scituate, Massachusetts: Contin-

uing improvement, five thousand dollars.

Gloucester, Improving harbor at Gloucester, Massachusetts: Dredg-Mass. ing Harbor Cove and removing ledge and boulders obstructing the approach to the wharves between Harbor Cove and Pew Wharf, ten thousand dollars.

Wareham, Improving harbor at Wareham, Massachusetts: Con-Mass. tinuing improvement, four thousand dollars.

New Bedford, Improving harbor at New Bedford, Massachusetts, ten Mass. thousand dollars.

Hingham, Improving harbor at Hingham, Massachusetts: Con-Mass. tinuing improvement, five thousand dollars, a part of which may, in the discretion of the Secretary of War, be applied to straighten the channel from the wharf to the end of Ragged Island.

Winthrop, Improving harbor at Winthrop, Massachusetts: For Mass. dredging, one thousand dollars.

Improving harbor at Hyannis, Massachusetts: Contin- Hyannis,

uing improvement, ten thousand dollars.

Improving harbor at Vineyard Haven, Massachusetts: Vineyard Haven, Massachusetts: Vineyard Haven, Massachusetts: For protection of Chops at the mouth of the harbor, twenty-five thousand dollars.

Improving harbor at Wellfleet, Massachusetts, seven Wellfleet,

thousand dollars.

Improving national harbor of refuge at Sandy Bay, San Cape Ann, Massachusetts: Continuing improvement, one Mass. hundred thousand dollars.

Improving harbor at Manchester, Massachusetts, two Manchester,

thousand five hundred dollars.

Improving harbor at Block Island, Rhode Island: Con-Block Island. tinuing improvement, fifteen thousand dollars; of which R. I. sum six thousand dollars are for inner harbor, four thousand dollars for breakwater, and five thousand dollars for removing sand bar at entrance of harbor.

Improving harbor at Newport, Rhode Island: Continu- Newport, R. I.

ing improvement, twelve thousand dollars.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, ten thousand dollars; and the Secretary of War is authorized to expend such portion of said sum as he may deem advisable above the bridges across the stream emptying into said harbor.

Improving harbor at Black Rock, Connecticut: Con- Black Rock,

tinuing improvement, ten thousand dollars.

Improving breakwater at New Haven, Connecticut: New Haven, Continuing improvement, seventy-five thousand dollars; Conn. and the Chief of Engineers may, if deemed necessary, relocate the western breakwater; and the Secretary of War is authorized, in his discretion, to expend any portion of said sum in commencing its construction.

Improving harbor at New Haven, Connecticut: Con-

tinuing improvement, fifteen thousand dollars.

Improving harbor at Norwalk, Connecticut: Continuing improvement, twenty-eight thousand dollars; twenty-Conn. five thousand dollars of which shall be expended in dredging and deepening the channel in the lower harbor up to Wilson's Point.

Improving harbor at Stonington, Connecticut, eight Stonington,

thousand dollars.

Improving harbor at Stamford, Connecticut: Continuing improvement, five thousand dollars.

Improving harbor at Five Mile River, Connecticut, five Five mile River, Conn.

thousand dollars.

Improving harbor at Milford, Connecticut: To com- Milford, Connecticut: Milford, plete improvement, five thousand dollars.

Improving harbor at Buffalo, New York: Continuing Buffalo, N.Y.

improvement, two hundred and twenty-five thousand dollars.

Improving Buttermilk Channel, New York: Continu-Buttermilk Channel, N. Y. ing improvement, one hundred thousand dollars.

Improving harbor at Sheepshead Bay, New York: Sheepsh

Continuing improvement, five thousand dollars.

Rouse Point, Improving breakwater at Rouse's Point, New York:

Continuing improvement, thirteen thousand five hundred dollars.

Canarsie Bay, Improving harbor at Canarsie Bay, New York: Con-

tinuing improvement, ten thousand dollars.

Y. Charlotte, N. Improving harbor at Charlotte, New York: Continuing improvement and repairs, forty-five thousand dollars.

Dunkirk, N. Improving harbor at Dunkirk, New York: Continu-

ing improvement, fifteen thousand dollars.

Flushing Bay, Improving harbor at Flushing Bay, New York: Con-

tinuing improvement, fifteen thousand dollars.

Gowanus Bay, New York: Continuing improvement, by deepening to twenty-one feet mean low water and widening the channel to four hundred feet on the northerly side from the foot of Percival street, along the wharves to the twenty-three feet curve, opposite the entrance to the Erie Basin, sixty thousand dollars.

Great Sodus Bay, New York:

Little Sodus Bay, New York:

Continuing improvement, twenty-four thousand dollars.

Improving harbor at Little Sodus Bay, New York:

Improving harbor at Little Sodus Bay, New York: Continuing improvement, sixteen thousand dollars. And the Engineer in charge, with the approval of the Secretary of War, may use such part of this appropriation for dredging and deepening the channel and harbor, as he may deem proper.

Greenport, Improving harbor at Greenport, New York: Continu-

ing improvement, five thousand dollars.

Oak Orchard, Improving harbor at Oak Orchard, New York: Continuing improvement and repairs, six thousand dollars.

Ogdensburg, Improving harbor at Ogdensburgh, New York, including the clearing out of the mouth of the Oswegatchie River: Continuing improvement, fifteen thousand dollars.

Olcott, N. Y. Improving harbor at Olcott, New York: Continuing

improvement, five thousand dollars.

y. Oswego, N. Improving harbor at Oswego, New York: Continuing improvement and repairs, one hundred thousand dollars; of which fifteen thousand dollars shall be used in removing the east break water at the mouth of the river.

Plattsburg, Improving harbor at Plattsburgh, New York: To

complete improvement, seven thousand dollars.

Rondout, Improving harbor at Rondout, New York: To complete improvement, five thousand dollars.

Sacketts Har- Improving harbor at Sackett's, New York: Continu-

ing improvement, two thousand dollars.

N. Tonawanda, Improving Tonawanda Harbor and Niagara River, New York, as per report of engineer in charge, dated December twenty-nine, eighteen hundred and eightyseven, one hundred thousand dollars.

N. Y. Improving New York Harbor, New York: Continuing improvement, three hundred and eighty thousand dollars.

Improving harbor at Saugerties, New York: Con- N Saugerties, tinuing improvement, twelve thousand dollars.

Improving harbor at Wilson, New York: Continuing Wilson, N. Y.

improvement, five thousand dollars.

Improving harbor at Port Chester, New York: Con- Port Chester, tinuing improvement, five thousand dollars.

Improving harbor at Glen Cove, New York, twenty , Glencove, N.

thousand dollars.

Improving harbor at New Rochelle, New York: Con-New Rochelle, N. Y. tinuing improvement, the balance remaining on hand from former appropriations to be expended in pursuance of the project adopted in eighteen hundred and seventyone.

Improving channel between Staten Island and the New Staten Is-Jersey shore, New York and New Jersey: Continuing N. Y.

improvement, by dredging fifteen thousand dollars.

Improving Arthur Kill, between Staten Island and the Narthur Kill, New Jersey shore, New York and New Jersey: Dredging and straightening channel near Staten Island bridge, and removing the point of land westerly of same, ten thousand dollars.

Improving harbor at Raritan Bay, New Jersey: Con-Raritan Bay,

tinuing improvement, twenty-five thousand dollars.

Improving harbor at Erie, Pennsylvania: Continuing Erie, Pa.

improvement, twenty-three thousand dollars.

For the preservation and protection of the peninsula of Presque Isle, Presque Isle, Erie Harbor, Pennsylvania, as recommended by the Chief of Engineers, January thirteenth, eighteen hundred and eighty-five, and in accordance with such plans as the Secretary of War may prescribe, sixty thousand dollars.

Improving the harbor of Philadelphia: For the removal of Smith's Island, and Windmill Island, in the State of Pennsylvania, and Petty's Island, in the State of New Jersey, or such parts of them and the shoals adjacent thereto as may be required, and for the improvement of the harbor between the cities of Philadelphia, Pennsylvania, and Camden, New Jersey, five hundred thousand dollars: Provided, That no part of this sum shall be expended until the title to the lands forming said islands shall be acquired and vested in the United States without charge to the latter beyond three hundred thousand dollars of the sum herein appropriated.

Improving ice-harbor at Marcus Hook, Pennsylvania: Pal Marcushook,

Continuing improvement, fifteen thousand dollars. Improving Delaware Breakwater, Delaware: Continu- Breakwater,

ing improvement, one hundred thousand dollars. Improving ice-harbor at New Castle, Delaware: Con- Newcastle, tinuing improvement, seven thousand five hundred dol-

Improving harbor at Wilmington, Delaware: Continu- Wilmington, ing improvement, thirty thousand dollars.

Proviso. Title.

Philadelphia.

Baltimore, Improving harbor at Baltimore, Maryland: Continuing improvement, and widening channel to six hundred feet, three hundred thousand dollars.

Breton Bay, Improving harbor at Breton Bay, Maryland: Con-

tinuing improvement, three thousand dollars.

Cambridge, Improving harbor at Cambridge, Maryland, five thousand dollars.

Norfolk, Va. Improving harbor at Norfolk and its approaches, Virginia: Continuing improvement, fifty thousand dollars.

Improving approach to Norfolk Harbor, and the United States navy-yard at Norfolk, Virginia: Continuing improvement between Lambert's Point and Fort Norfolk, ten thousand dollars; and the balance of one hundred and nine thousand dollars of former appropriations made under this head and available July first, eighteen hundred and eighty-seven, is hereby authorized to be expended according to the modified plan of the engineer in charge.

Beaufort, Improving harbor at Beaufort, North Carolina: Continuing improvement, thirty-five thousand dollars.

Waterway. Improving the inland water-way between Beaufort and Beaufort and new River New River, North Carolina: Continuing improvement, N. C. five thousand dollars.

Newbern and Improving the inland water-way between New Berne and Beaufort, North Carolina: Continuing improvement, fifteen thousand dollars.

s. Charleston, Improving harbor at Charleston, including Sullivan's Island, South Carolina: Continuing improvements, three hundred and fifty thousand dollars, of which five thousand dollars may be expended on Mount Pleasant shore of inner harbor of Charleston, South Carolina.

s. Georgetown, Improving harbor at Georgetown, South Carolina: Continuing improvement, seven thousand five hundred dollars.

Winyah Bay, Improving Winyaw Bay, South Carolina: Continuing improvement, one hundred thousand dollars. The Secretary of War is authorized and directed to appoint a board of three engineer officers of the United States Army, whose duty it shall be to examine the plan submitted by Captain William H. Bixby, United States Army Engineers, under date of January thirty-first, eighteen hundred and eighty-five, for the improvement of said bay. The said board shall report to the Secretary of War, who shall lay its report before Congress at its next session, with the views of himself and the Chief of Engineers of Proviso. the United States Army thereon: Provided, That nothing herein contained shall be construed to prevent the expenditure of this appropriation.

Ga. Improving harbor at Brunswick, Georgia: Continuing improvement, thirty-five thousand dollars.

Sound, Ga. and Florida: Continuing improvement, one hundred and twelve thousand five hundred dollars.

Improving harbor at Savannah, Georgia: To complete Ga. Savannah, existing project, one hundred and eighty thousand dol-

Improving harbor at San [Saint] Augustine, Florida, St. Augustine, Flarine, thirty-five thousand dollars. The Secretary of War is authorized and directed to appoint a board of three engineer officers of the United States Army, whose duty it shall be to examine into the expediency of further improving the harbor of San [Saint] Augustine, Florida, upon the plan submitted by Lieutenant William M. Black, United States Army Engineers, under date of December twelfth, eighteen hundred and eighty-seven. The said board shall report to the Secretary of War, who shall lay its report before Congress at its next session, with the views of himself and the Chief of Engineers of the United States Army thereon.

Improving harbor at Apalachicola Bay, Florida: Con- Apalachicola

tinuing improvement, twenty thousand dollars.

Improving harbor at Cedar Keys, Florida: Continuing Electric Keys,

improvement, seven thousand five hundred dollars.

Improving harbor at Pensacola, Florida: Continuing Fla

improvement, thirty-five thousand dollars.

Tampa Bay, Improving harbor at Tampa Bay, Florida, from outer Fig. bar to Mangrove or Bushy Point, twenty-five thousand dollars.

Improving entrance to harbor at Key West, Florida, Key West, twenty-five thousand dollars. The Secretary of War is authorized and directed to appoint a board of three engineer officers of the United States Army, whose duty it shall be to examine into the expediency of further improving the entrance to the harbor at Key West, Florida, upon the plan submitted by Lieutenant William M. Black, United States Army Engineers, under date of May thirtyfirst, eighteen hundred and eighty-seven; the said Board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon.

Improving harbor at Mobile, Alabama: Continuing improvement, on enlarged project for securing a channel twenty-three feet deep and two hundred and eighty feet wide, two hundred and fifty thousand dollars.

Improving harbor at Biloxi Bay, Mississippi: Continu- Blloxi Bay, Mississippi ing improvement, eighteen thousand five hundred dollars.

Improving Aransas Pass and Bay up to Rockport and Aransas Tex. Corpus Christi, Texas: Continuing improvement, one hundred thousand dollars.

Improving Brazos, Santiago Harbor, Texas: Continu- Brazos, Tex. ing improvement, twenty-five thousand dollars.

Improvement of entrance to Galveston Harbor, Texas: Tex. Continuing improvement, five hundred thousand dollars.

Improving Sabine Pass, and Blue Buck Bar, Texas: Tex. Continuing improvement, two hundred and fifty thousand dollars.

Mobile, Ala.

Improving ship-channel in Galveston Bay, Texas, from Galveston. Tex., ship Morgan's Cut to Bolivar Channel: Continuing improvement, one hundred thousand dollars.

Improving harbor at Ashtabula, Ohio: Continuing im-Ashtabula,

provement, twenty-five thousand dollars.

Improving harbor at mouth of Black River. Ohio: Black River.

Continuing improvement, ten thousand dollars.

Improving harbor at Cleveland, Ohio: Continuing Cleveland, improvement on the last plan projected, one hundred Ohlo. thousand dollars.

Improving harbor at Fairport, Ohio: Continuing im-Fairport. Onio. Vol. 25. p. provement, ten thousand dollars; of which so much as 1. Post, p. 534 may be necessary may be expended in deepening the river. That the owners of dock property abutting on

Grand River, at the mouth thereof, shall have the right to load and unload coal, ore, and other freight over so much of the east Government pier as lies north of the present low-water mark [a], under such limitations as to time and use as shall be approved by the Secretary of War on the payment of such compensation as the Secretary of War shall determine.

Huron, Ohio. Improving harbor at Huron, Ohio: Continuing improvement, six thousand dollars.

Improving harbor at Vermillion, Ohio: For preserva-Vermilion, Ohio. tion of piers, one thousand dollars.

Muskingum River, Ohio. For ice harbor at the mouth of Muskingum River, Ohio: To complete, sixty thousand dollars.

Clin-Improving harbor at Port Clinton, Ohio: Continuing Port ton, Ohio.

improvement, five thousand dollars.

Improving harbor at Sandusky, Ohio: Continuing im-Sandusky. provement by a straight channel from Sandusky City to the entrance of Sandusky Bay, pursuant to the last plan of the engineers, forty thousand dollars; of which five thousand dollars, or so much as may be necessary, may be used, in the discretion of the Secretary of War, in improving the old channel.

Toledo, Ohio. Improving harbor at Toledo, Ohio: Continuing improvement of the Maumee River, by a straight channel, pursuant to the last plan of the engineer in charge, one hundred and fifty thousand dollars.

Improving harbor at Toledo, Ohio: For clearing the

old channel, five thousand dollars.

Michigan Improving outer harbor at Michigan City, Indiana: City, Ind. Continuing improvement, ninety thousand dollars.

To complete inner harbor at Michigan City, five thousand dollars.

Calumet, Ill. Improving harbor at Calumet, Illinois: To complete improvement, twenty thousand four hundred dollars.

Improving harbor at Chicago, Illinois: Continuing Chicago, Ill. improvement, two hundred thousand dollars.

a The meaning of this phrase is declared by joint resolution approved October 1, 1888.

Improving harbor at Waukegan, Illinois: Continuing Waukegan, improvement, twenty-five thousand dollars.

Improving harbor at Charlevoix and entrance to Pine Mich. Charlevoix.

Lake, Michigan, twelve thousand five hundred dollars.

Improving harbor at Cheboyan, Michigan: Continu- Cheboygan, Michigan: Continu- Mich. Vol. 28, p. 345. Post, ing improvement, fifteen thousand dollars. Improvement, inteen thousand donars.

Improving harbor at Frankfort, Michigan: Continu- p. 687.

ing improvement, eight thousand dollars.

Improving harbor at Grand Haven, Michigan: Con- Grand Haven, Michigan: tinuing improvement, twenty-five thousand dollars.

Improving harbor of refuge at Grand Marais, Michi-Grand

gan: Continuing improvement, fifty thousand dollars.

Improving harbor of refuge at Ludington, Michigan: Mich. Continuing improvement, sixty thousand dollars; and the Secretary of War is hereby authorized and directed to accept the deed tendered by the Pere Marquette Lumber Company, of Ludington, Michigan, of three and thirtyone hundredths acres of land.

Improving harbor at Manistee, Michigan: Continuing Ms Mich.

improvement, ten thousand dollars.

Improving harbor at Black Lake, Michigan: Continu-Black ing improvement, five thousand dollars.

Improving harbor at Monroe, Michigan: For repairs Monroe, and for dredging at mouth of river, five thousand dollars.

Improving harbor at Muskegon, Michigan: Continu-Muskegon,

ing improvement, forty-five thousand dollars.

Improving harbor at Ontonagon, Michigan: Continu- Ontonagon, Michigan: ing improvement, twelve thousand five hundred dollars.

Improving harbor at Pentwater, Michigan: Continu-Per

ing improvement, eight thousand dollars.

Improving harbor of refuge at Portage Lake, Michi-Porta

gan: Continuing improvement, ten thousand dollars.

Improving harbor of refuge at Sand Beach, Michigan: Sandbeach on tinuing improvement, seventy thousand dollars. Continuing improvement, seventy thousand dollars.

Improving harbor at Saint Joseph, Michigan: Continu-Mich. ing improvement, twelve thousand dollars; five thousand dollars to be used in improving the water channel leading up to Benton Harbor.

Improving harbor of Saugatuck, Michigan: To repair Saugatuck,

and maintain, five thousand dollars.

Improving harbor at South Haven, Michigan: Continuing improvement, ten thousand dollars; three thousand en, Mich. dollars of which shall be used in deepening the channel of Black River from the inner termini of the piers to the highway bridge.

Improving harbor at White River, Michigan: Continu- White River,

ing improvement, ten thousand dollars.

Improving harbor at Marquette, Michigan: Continuing Maimprovement, twenty-five thousand dollars: Provided, Mich. Pro That no part of this appropriation shall be expended until the question of harbor limits has been settled to the satisfaction of the Secretary of War.

Mich.

Ludington.

Holland), Mich.

Marquette, Proviso.

Thunder Bay Improving harbor at Thunder Bay, Michigan: Continuing improvement, the balance available from former appropriations shall be expended in dredging the entrance channel from the bay into the river.

Au Sable, Improving harbor at Au Sable, Michigan: Continuing improvement, the balance available from former appropriations shall be expended in dredging the mouth of Au Sable River.

Ahnapee, Wisconsin: Continuing improvement, five thousand dollars; and so much of the act of August fifth, eighteen hundred and eighty-six, for the improvement of rivers and harbors as relates to the harbor of Ahnapee is hereby amended by striking out the

vol. 24, p. words "but no part of said sum is to be expended until Ante, p. 442. the wharfage over the Government pier at that port shall be made free."

Green Bay, Improving harbor at Green Bay, Wisconsin: Continuing improvement, ten thousand dollars.

Kenosha, Improving harbor at Kenosha, Wisconsin: Continuing wis. improvement, seven thousand five hundred dollars.

Kewaunee, Improving harbor at Kewaunee, Wisconsin: Continuing improvement, ten thousand dollars.

Manitowoc, Improving harbor at Manitowoc, Wisconsin: Continuing improvement, eight thousand dollars.

Menominee, Improving harbor at Menomonee, Wisconsin: For repairs and dredging, nine thousand dollars.

Milwaukee, Improving harbor of refuge at Milwaukee, Wisconsin:

Continuing improvement on bay and harbor, seventy thousand dollars.

Improving harbor at Milwaukee, Wisconsin: Continu-

ing improvement, ten thousand dollars.

oconto, Wis. Improving harbor at Oconto, Wisconsin: Continuing improvement, twenty thousand dollars; eighteen thousand dollars of which appropriation shall not be available, until the city of Oconto has caused repairs to be made, to the satisfaction of the engineer in charge, to the old part of the pier built by private enterprise.

Port Washington, Wisconsin: Continuing improvement, five thousand dollars.

Racine, Wis. Improving harbor at Racine, Wisconsin: Continuing improvement, ten thousand dollars.

Superior and St. Louis bays, Wisconsin: Continuing improvement, fifty thousand dollars.

Sheboygan, Improving harbor at Sheboygan, Wisconsin: Continuing improvement, fifteen thousand dollars.

Ashland, Wisconsin: Continuing improvement on the enlarged project, sixty thousand dollars.

Two Rivers, Improving harbor at Two Rivers, Wisconsin: Continuing improvement, two thousand five hundred dollars.

Dulluth, Minnesota: Continuing improvement, eighty thousand dollars; of which sum

one-half shall be expended on the harbor basin and new channel east of Rice's Point, and in the preservation and maintenance of the canal and piers at the harbor entrance, and in the purchase of a steam launch; and the other half of said sum shall be expended on the channel west of Rice's Point, and from thence along the northern shore of Saint Louis Bay to Grassy Point; and the Government of the United States hereby accepts from Acceptance the city of Duluth the grant and conveyance made by trance and the city of Duluth the grant and conveyance made by plers. said city, by deed dated January ninth, eighteen hundred vol. 27, p. 95. Post, p. 621. and eighty-eight, of the following described real estate, to wit: All the tract or parcel of land lying and being in the county of Saint Louis and State of Minnesota described as follows, to wit: Lots two hundred and fortyseven, two hundred and forty-eight, two hundred and forty-nine, two hundred and fifty, two hundred and fiftyone, two hundred and fifty-two, two hundred and fiftythree, two hundred and fifty-four, two hundred and fifty-five, two hundred and fifty-six, two hundred and fifty-seven, two hundred and fifty-eight, two hundred and fifty-nine, and two hundred and sixty Minnesota avenue, Upper Duluth, the same being the ground on which is located the canal entrance and piers to the harbor of Duluth.

Improving harbor at Grand Marais, Minnesota: Con- Grand Minnesota: tinuing improvement, fifteen thousand dollars.

Improving harbor at Agate Bay, Minnesota: Continu-Agate Bay,

ing improvement, fifteen thousand dollars. Improving harbor and bay at Humboldt, California: Humboldt

Continuing improvement, one hundred and twenty-five thousand dollars: Provided, That no part of said sum shall be expended until the twelve acres of land necessary to said improvement shall have been conveyed to the United States free of expense, and such conveyance has been approved by the Secretary of War, after the Attornev-General of the United States shall have certified to the Secretary of War that the title is perfect.

Improving harbor at Oakland, California: Continuing improvement, three hundred and fifty thousand dollars; which sum, or any part thereof, may be used in the discretion of the Secretary of War on the training walls and

channel.

Improving harbor at Red Wood, California: To com-Red wood, plete, seven thousand four hundred dollars.

Improving harbor at Wilmington, California: Continu-Cal. Wilmington, ing improvement, ninety thousand dollars.

Improving harbor at San Diego, California: For re-Cal Diego, pairs, one thousand dollars.

Improving harbor at San Luis Obispo, California, by Obispo, Cal. the construction of a breakwater on the reef to the plane

of mean low water, according to the plan of W. H. Benvaurd, major of engineers, dated January twenty-eighth, eighteen hundred and eighty-seven, twenty-five thousand dollars.

Proviso.

Oakland, Cal.

Improving entrance to harbor at Coos Bay, Oregon: Coos Bav. Oreg. Continuing improvement, fifty thousand dollars.

Improving harbor at Yaquina Bay, Oregon: Continu-Yaquina Bay, ing improvement, one hundred and fifty thousand dollars.

Improving Tillamook Bay and Bar, Oregon, five thou-Tillamook Bay, Oreg.

sand two hundred dollars.

Lubec Chan-Improving Lubec Channel, Maine: Continuing imnel. Me.

provement, twenty thousand dollars.

Improving Penobscot River, Maine: Continuing im-Rivers: Penobscot provement, fifty thousand dollars; twenty thousand dol-River, Me. lars of which sum to be expended between Bangor and Crosby's Narrows, and thirty thousand dollars between Bucksport and Winterport, according to the last plan of the engineer in charge if approved by the Secretary of War.

Narraguagus River, Me. Improving Narragaugus River, Maine: Continuing improvement, ten thousand dollars.

Improving Saco River, Maine: Continuing improve-Saco River. Me. ment, ten thousand dollars.

Bagaduce River, Me. Improving Bagaduce River, Maine, three thousand dol-

Improving Kennebec River, Maine, seventy-five thou-Kennebec River, Me. sand dollars.

Improving Moose-a-Bec Bar, Maine: Continuing im-Moosabec bar, Me. provement, fifteen thousand dollars.

Cocheco River, N. H. Improving Cocheco River, New Hampshire: To complete, nine thousand dollars.

Bellamy River, N. H. Improving Bellamy River, New Hampshire, ten thousand dollars.

Otter Creek, Improving Otter Creek, Vermont: Continuing improvement, two thousand five hundred dollars.

I p swich River, Mass. Improving Ipswich River, Massachusetts, two thousand five hundred dollars.

Powow River, Mass. Improving Powow River, Massachusetts, for dredging, three thousand dollars: Provided, That this sum shall not Drawbridge. be expended until the towns of Amesbury and Salisbury, or either of them, shall have caused such a draw to be placed in the present bridge over said river, as may be approved by the Secretary of War.

Pawtucket Improving Pawtucket River, Rhode Island: Contin-River, R. I. uing improvement, thirty-five thousand dollars.

Providence Improving Providence River and Narragansett Bay, River, R. I. Rhode Island: Continuing improvement, forty thousand dollars.

> For removing Green Jacket Shoal, Providence River. Rhode Island: Continuing improvement, twenty-eight thousand dollars.

Pawcatuck River, R. I. Improving Pawcatuck River, Rhode Island: Continuing improvement, ten thousand dollars.

Connecti cu t Improving Connecticut River below Hartford, Con-River, Conn. necticut: Continuing improvement, ten thousand dollars. Housatonic Improving Housatonic River, Connecticut, thirty-five River, Conn. thousand dollars; twenty-five thousand dollars of which may be expended in commencing the construction of a

breakwater at the mouth of said river.

Improving Thames River, Connecticut: Continuing Thames River, Connecticut: Continuing Thames River, Conn. improvement, fifty thousand dollars, which may be expended at any point between Norwich and New London.

Improving East Chester Creek, New York: Continuing East Chester Creek, N.Y.

improvement, five thousand dollars.

Improving Hudson River, New York: Continuing improvement, seventy-five thousand dollars; of which ten thousand dollars may be used in dredging and otherwise

deepening and improving the harbor at Peekskill.

tinuing improvement, twenty-five thousand dollars, a Creek, N. Y. portion of which may, in the discretion of the Secretary of War, be applied to the improvement. of War, be applied to the improvement of the west branch of Newtown Creek.

Improving Ticonderoga River, New York: Continuing Ticonderoga River, N. Y. improvement, two thousand five hundred dollars.

Improving Harlem River, New York, seventy thou-Harlem River, N. Y.

sand dollars.

moving obstructions, two hundred and fifty thousand dol- N. Y. lars. Improving East River and Hell Gate, New York: Re-

Improving Narrows at Lake Champlain, New York, Narrows, from Benson, Vermont, to canal locks at Whitehall, New plain, N. Y.

York, fifteen thousand dollars.

Improving Grass River at Massena, New York: The Grass River, Secretary of War is authorized and directed to expend N. Y. the balance remaining on hand of the sum heretofore appropriated in dredging operations according to the original plan.

Improving Maurice River, New Jersey: Continuing Maurice River, N. J.

improvement, ten thousand dollars.

Improving Passaic River, New Jersey: Continuing improvement, thirty-five thousand dollars; of which seven River, N. J. thousand five hundred dollars. thousand five hundred dollars are to be used to complete improvement above Newark.

Improving Raritan River, New Jersey: Continuing Raritan River, N.J.

improvement, fifty thousand dollars.

Improving Shrewsbury River, New Jersey: Continu- Shrewsbury River, N. J. ing improvement, ten thousand dollars.

Improving South River, New Jersey: Continuing im-South River,

provement, five thousand dollars.

Improving Allegheny River, Pennsylvania: Continu-Allegheny River, Pa. ing improvement, twenty-five thousand dollars.

Improving Schuykill River, Pennsylvania: Continu- Schuylkill River, Pa.

ing improvement, twenty-five thousand dollars.

Improving Delaware River, Pennsylvania and New Jer-Delaware sey: Continuing improvement from Trenton to its mouth, N. J. two hundred and fifty thousand dollars; of which ten thousand dollars is to be expended upon said river and its tidal tributaries between Cooper's Creek and Trenton.

For continuation of construction of the dam at Herr's Herr Island Island, in the Allegheny River, near Pittsburgh, Penn-River, Pa.

sylvania, thirty-five thousand dollars: and the Secretary of War is hereby authorized to purchase the lands required for said dam and its appurtenances, or, at his discretion, to cause suit to be instituted for the condemnation of such lands as may be necessary therefor: and said sum of thirty-five thousand dollars, or so much thereof as may be necessary, is hereby made available for paying for said lands, whether procured by purchase or by condemnation, as authorized by the act of the legislature of Pennsylvania approved May eighteenth. eighteen hundred and eighty-seven.

St. Jones River, Del. Improving Saint Jones River, Delaware: Continuing.

improvement, fifteen thousand dollars.

Improving Duck Creek [Smyrna River], Delaware, by Smyrna River, Del.

dredging, ten thousand dollars.

Mispillion Creek, Del. Improving Mispillion Creek, Delaware: To complete from Milford to its mouth, three thousand five hundred dollars.

Broadkill Improving Broadkiln River, Delaware: Continuing River, Del.

improvement, ten thousand dollars.

Broad Creek Improving Broad Creek [Broad Creek River], Dela-River, Del. ware: Continuing improvement, five thousand dollars.

Choptank River, Md. Improving Choptank River, Maryland: Continuing improvement, seven thousand five hundred dollars.

Corsica River, Md. Improving Corsica River, Maryland: Continuing im-

provement, ten thousand dollars.

Susquehanna River, Md. and Improving Susquehanna River, Maryland and Pennsylvania: Continuing improvement, ten thousand dollars, to be expended above the Philadelphia, Wilmington and Baltimore Railroad bridge.

Fairlee Creek, Md. Improving Fairlee Creek or Inlet, Maryland, five thou-

sand dollars.

Patuxent Improving Patuxent River, Maryland, five thousand River, Md. dollars.

Potomac River, D. C. Improving Potomac River at Washington: Continuing

improvement, three hundred thousand dollars.

Appomattox River, Va. Improving Appomattox River, Virginia: Continuing improvement, fifteen thousand dollars; and the Chief of Engineers is directed to cause to be examined and surveyed, and the cost estimated, for diverting the water of the river above the harbor at Petersburgh to the old North Channel, and report upon the same.

Improving Chickahominy River, Virginia: Continuing Chickahominy River, Va.

improvement, two thousand five hundred dollars. Improving James River, Virginia: Continuing improvement below Richmond, two hundred and twenty-James River. Va.

five thousand dollars. Mattaponi River, Va. Improving Mattaponi River, Virginia: Continuing im-

provement, three thousand dollars.

Potomac River, Mount Vernon, Va. Improving channel at Mount Vernon: Continuing improvement, six thousand dollars.

Nomini Creek, Va. Improving Nomini Creek, Virginia: Continuing improvement, five thousand dollars.

Improving Pamunky River, Virginia: Continuing im-Ramunkey

provement, three thousand dollars.

Improving Rappahannock River, Virginia: Continuing Rappahan improvement, fifteen thousand dollars; of which three thousand dollars may, in the discretion of the Secretary of War, be used in continuing the improvement of Urbana Creek, a tidal tributary thereof.

Improving Staunton River, Virginia: Continuing im-Staunton River, Va.

provement, five thousand dollars.

Improving York River, Virginia: Continuing im-va York River,

provement, thirty thousand dollars.

Improving, by dredging and otherwise, the inland wa- Waterway, ter-way, from Chincoteague Bay, Virginia, to Delaware Chincoteague Bay, at or near Lewes, Delaware, to be used from Chincoteague Bay to Indian River Bay: Continuing improvement, fifty thousand dollars, no part of which shall be expended until the right of way is secured free of cost to the United States.

Improving Nansemond River, Virginia, including the Nansemond River, Va. mouths of Bennett and Chuckatuck Creeks, ten thousand

Improving Big Sandy River, West Virginia and Ken-Big Sandy tucky: Continuing improvement, thirty-one thousand and Ky. five hundred dollars.

Improving Elk River, West Virginia: Continuing im- W. Va. River,

provement, three thousand dollars.

Improving Buckhannon River, West Virginia: Con-Buckhannon River, W. Va. tinuing improvement, one thousand five hundred dollars.

Improving Great Kanawha River, West Virginia: Kanawha Continuing improvement, three hundred and fifty thousand dollars.

Improving Guyandotte River, West Virginia: Continu-Guyandot River, W. Va.

ing improvement, two thousand dollars.

Improving Little Kanawha River, West Virginia: Little Kanawha River, W. Continuing improvement, twenty-five thousand dollars; what kiver, w. but no toll shall be collected by any person or corporation ished. for this improved navigation; and such right, if any exist, shall be relinquished in a manner satisfactory to the Secretary of War before the expenditure of any of the money herein appropriated for this work.

Improving Monongahela River, West Virginia: To Monongahela River, W. Va. complete dam number eight, thirty-five thousand dollars;

and for continuing improvements.

The Secretary of War be, and is hereby, authorized Lock and Dam and directed to negotiate for and purchase, at a cost not No. 7 from Moto exceed one hundred and sixty-one thousand seven hun-negation Comdred and thirty-three dollars and thirteen cents, lock and pany. dam number seven, otherwise known as "the Upper Lock 348, 978; 28, and Dam," and its appurtenances, of the Monongahela pp. 217, 218. Navigation Company, a corporation organized under the 691, 785, 786. laws of Pennsylvania, which lock and dam number seven and its appurtenances constitute a part of the improvements in water communication in the Monongahela River,

between Pittsburgh, in the State of Pennsylvania, and a point at or near Morgantown, in the State of West Virginia. And the sum of one hundred and sixty-one thousand seven hundred and thirty-three dollars and thirteen cents [a], or so much thereof as may be necessary, is hereby appropriated, out of any moneys in the Treasurv not otherwise appropriated, for consummating said purchase, the same to be paid on the warrant of the Secretary of War, upon full and absolute conveyance to the United States of the said lock and dam number seven. and its appurtenances, of the said Monongahela Navigation Company.

Condemnation proceedings.

In the event of the inability of the Secretary of War to make voluntary purchase of said lock and dam number seven and its appurtenances for said sum of one hundred and sixty-one thousand seven hundred and thirty-three dollars and thirteen cents, or a less sum, then the Secretary of War is hereby authorized and directed to institute and carry to completion proceedings for the condemnation of said lock and dam number seven and its appurtenances, said condemnation proceedings to be as prescribed and regulated by the provisions of the general railroad law of Pennsylvania, approved February nineteenth, eighteen hundred and forty-nine, and its supplements, except that the United States shall not be required to give any bond, and except that jurisdiction of said proceedings is hereby given to the circuit court of the United States for the western district of Pennsylvania, with right of appeal by either party to the Supreme Court of the United States: Provided, That in estimating the sum to be paid by the United States, the franchise of said corporation to collect tolls shall not be considered or estimated; and the sum of five thousand dollars [a], or so much thereof as may be necessary, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, to pay the necessary costs of said condemnation proceedings; and upon final judgment being entered therein the Secretary of War is hereby authorized operating and directed to draw his warrant on the Treasury for the amount of said judgment and costs, and said amount for the payment thereof is hereby appropriated out of any moneys in the Treasury not otherwise appropriated. And when said lock and dam number seven and its ap-

*Proviso.* Estimating

value.

expenses.

a Of the appropriations (viz, \$161,733.13 for purchase and \$5,000 for expenses of condemnation proceedings) made by this act for acquisition of Lock and Dam No. 7, \$400 was expended from the purchase fund, and \$4,901.36 from that for condemnation, making the total expenditure thereunder \$5,301.36, the balances having been carried to the surplus fund. All of the property of the company on this river, including Lock and Dam No. 7, was acquired by the United States in July, 1897, pursuant to the provisions of the river and harbor act of June 3, 1896, with funds appropriated by that act, the total cost of acquisition (including the \$5,301.36 previously expended) being \$3,769,073.88, of which \$3,761,615.46 was the award in condemnation.

purtenances shall have been acquired by the United States, whether by purchase or condemnation, the Secretary of War shall take charge thereof, and the same shall thereafter be subject to the provisions of section four of an act entitled "An act making appropriations 147 for the construction, repair, and preservation for certain public work on rivers and harbors, and for other purposes," approved July fifth, eighteen hundred and eighty-

Vol. 23, p. Ante, p. 415.

point a board of three engineer officers of the United port on mov-States Army, whose duty it shall be to thoroughly examine the Ohio river below Pittelevent cability of the improvement of the navigation of said river by means of movable dams; and said board shall report on or before the first Monday of December next, as to the feasibility and advisability of such project of improvement, the number of dams required, their location, with the cost of the same together with the cost of maintaining them after the completion of the project. The Secretary of War shall transmit said report to Congress at its next session, together with the views of himself and the Chief

The sum of ten thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any money in the Treasury not otherwise appropriated to pay the expenses of said board and survey.

Expenses.

Improving Gauley River, West Virginia: For cleaning Gauley River, W. Va.

out channel, three thousand dollars.

of Engineers of the United States Army thereon.

Improving New River, West Virginia: Continuing improvement from mouth of Wilson Creek to mouth of Greenbrier River, balance now available from former appropriations for improving New River, Virginia, is hereby directed to be spent in improving said river between Ivanhoe Furnace in Wythe County and mouth of Wilson

Improving Cape Fear River, North Carolina, above Cape Fear River, N. C. Wilmington: Continuing improvement, twelve thousand

To complete the improvement of Cape Fear River below Wilmington, North Carolina, two hundred and fortyfive thousand dollars.

Improving Contentnia Creek, North Carolina: Continu-Contentnia Creek, N. C.

ing improvement, five thousand dollars.

Improving Currituck Sound, Coanjok Bay, and North Sound, etc., N. River Bar, North Carolina, seven thousand five hundred co

dollars. Improving Neuse River, North Carolina: Continuing Neuse River,

improvement, fifteen thousand dollars. Improving New River, North Carolina: Continuing New River,

improvement, three thousand dollars.

Improving Pamlico and Tar Rivers from the mouths to Pamlico and Tar rivers, N. the Falls at Rocky Mount, North Carolina: Continuing c. improvement, ten thousand dollars.

Improving Trent River. North Carolina: Continuing Trent River. improvement, five thousand dollars.

Improving Lumber River, North Carolina, five thou-Lumber River. N. C.

sand dollars.

Improving Roanoke River, North Carolina, from its Roanoke River. N. C. mouth to Clarksville, Virginia, forty thousand dollars.

Improving Yadkin River, North Carolina, ten thou-Yadkin River, N. C. sand dollars.

Improving Edisto River, South Carolina: Continuing Edisto River. S. C. improvement, five thousand dollars.

Improving Great Pee Dee River, South Carolina: Con-Great Pedee River, S. C. tinuing improvement, twenty thousand dollars.

Improving Salkehatchee River, South Carolina: Con-Salkahatchie

River, S. C. tinuing improvement, three thousand dollars.

Santee Riv-Improving Santee River, South Carolina: Continuing er, S. C. improvement, twenty-four thousand dollars.

Improving Waccamaw River, North and South Caro-Waccamaw River, N. lina, to Waccamaw Lake, North Carolina: Continuing improvement, fifteen thousand dollars.

Improving Wappoo Cut, South Carolina: Continuing improvement, five thousand dollars. Wappoo Cut,

Wateree Riv-

Improving Wateree River, South Carolina: Continuing improvement, twelve thousand dollars: Provided, Drawbridges. That no part of said appropriation shall be expended until the Wilmington, Columbia and Augusta Railroad Company, and the Camden branch of the South Carolina Railroad Company, shall have built suitable draw-spans in their bridges over said river, to be approved by the Secretary of War.

Congaree River, S. C.

Proviso. Drawbridge.

er, S. C. Proviso

Improving Congaree River, South Carolina: Continuing improvement, seven thousand five hundred dollars: Provided, That no part of said appropriation shall be expended until the South Carolina Railroad Company shall have built a suitable draw-span in its bridge over said river, to be approved by the Secretary of War.

Mingo Creek, S. C. Improving Mingo Creek or River, South Carolina, five thousand dollars.

Clark Creek, Improving Clark Creek or River, South Carolina, two thousand five hundred dollars.

Little Pedee Improving Little Pee Dee River, South Carolina, five River, S. C. thousand dollars.

Altamaha River, Ga. Improving Altamaha River, Georgia: Continuing improvement, ten thousand dollars. Chattahoo-

Improving Chattahoochee River, Georgia: Continuing chee River, Ga. improvement, twenty thousand dollars.

Coosa River, Ga. and Ala. Improving Coosa River, Georgia and Alabama: Continuing improvement, sixty thousand dollars. Flint River,

Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum five thousand dollars are to be expended between Albany and Montezuma, and fifteen thousand below Albany.

Ocmulgee Improving Ocmulgee River, Georgia: Continuing im-River, Ga. provement, fifteen thousand dollars.

Improving Oconee River, Georgia: Continuing im- Ocone provement, twelve thousand five hundred dollars: a portion of which may be expended on said river between

Skull Shoals and the Georgia railroad bridge.

Improving the Savannah River, Georgia, between the Savan River, Ga. cities of Augusta and Savannah, completing the present project and commencing the extended project contained in the report of Engineer for year ending June thirtieth, eighteen hundred and eighty-seven, twenty-one thousand dollars.

Savannah

Improving Jekyl Creek, Georgia, five thousand dollars. Galekyl Creek, Romerly Marsh, Georgia: To pay for completing the Romerly Marsh, Ga. existing project four thousand six hundred and thirtythree dollars and seventy-seven cents.

Improving Apalachicola River, Florida: To maintain, Apalachicola two thousand dollars.

Improving Caloosahatchie River, Florida: To com- Caloosahatplete improvement of upper river, ten thousand dollars.

Improving Choctawatchie River, Florida and Ala-Choctawhatchee River, Fla. bama: Continuing improvement, ten thousand dollars.

Improving Escambia and Conecuh Rivers, Florida and Conecuh rivers, Alabama: Continuing improvement, ten thousand dol-Fla and Ala.

Improving La Grange Bayou, Florida: To complete, Lagrange three thousand dollars, including Holmes River to the

town of Vernon. Improving Manatee River, Florida: Continuing im- Manatee, River, Fla. provement, five thousand dollars.

St. Jo River, Fla.

Improving Saint John's River, Florida, from Jacksonville to the ocean including the channel over the bar at the mouth, one hundred and seventy-five thousand dollars.

Improving Suwanee River, Florida: Continuing im- Suwarer, Fla. provement, fifteen thousand dollars; of which ten thousand dollars is to be expended in the purchase or construction of a suitable steam snag-boat with dredging and pile-driving machinery to be used on the rivers of the west coast of Florida.

Improving Volusia Bar, Florida: To maintain, five Volusia bar,

hundred dollars.

Improving Withlacoochee River, Florida: Continuing Withlacoochee River, Fla. improvement, five thousand dollars.

Improving Alabama River, Alabama: Continuing im- Alabama River, Alabama

provement, twenty thousand dollars.

Improving Black Warrior River, Alabama, from Tus-Black Warrior River, Alabama to Daniel's Creek: Continuing improvement, one hundred thousand dollars.

Improving Tallapoosa River, Alabama: Continuing Tallapoosa

improvement, seven thousand five hundred dollars.

Improving Warrior River, below Tuscaloosa, Alabama: Warrior Riverting improvement eighteen thousand dollars er, Ala. Continuing improvement, eighteen thousand dollars.

Improving Tombigbee River, Alabama, from Walker's Tombigbee

Bridge to Fulton, four thousand dollars.

Improving Tombigbee River, Alabama, from Fulton

to Vienna: Continuing improvement, six thousand five hundred dollars.

Improving Tombigbee River, Alabama, below Vienna:

To complete improvement, six thousand dollars.

Big Sunflower River, Miss.

Improving Big Sunflower River, Mississippi: Continuing improvement, five thousand dollars; of which two thousand dollars to be expended between Woodburn and Lehrton.

Noxubee Rive Improving Noxubee River, Mississippi: Continuing

er, Miss. improvement, five thousand dollars.

Pascagoula Improvement, five thousand donars.

Improving Pascagoula River, Mississippi: Continuing improvement, twenty-seven thousand dollars, including bar at the mouth and from there to the mills at Moss Point.

Pearl River, Improving Pearl River, Mississippi, between Edinburgh and Carthage: Continuing improvement, five thousand dollars.

Improving Pearl River, Mississippi, between Carthage and Jackson: Continuing improvement, two thousand

five hundred dollars.

Improving Pearl River, Mississippi, below Jackson, fifteen thousand dollars; of which five thousand shall be used for dredging at the mouth.

Steele Bay Improving Steele's Bayou, Mississippi, including Washington Bayou: Continuing improvement, two thousand five hundred dollars.

Tallahatchie River, Mississippi: Continuing improvement, five thousand dollars.

Tchula Lake, Improving Tchula Lake, Mississippi: Continuing improvement, three thousand dollars.

Yazoo River, Mississippi: Continuing improvement, thirty-two thousand dollars; of which ten thousand shall be used in repairing snag-boat Meigs, and eight thousand for constructing a pumping dredge-boat.

Amite River, Louisiana: Continuing improvement, five thousand dollars; of which two thousand five hundred may be used in improving Bayou Manchae [Manchae].

Bout River, Improving Bouf River, Louisiana: Continuing improvement and closure of outlets, six thousand dollars.

Bayou Bar- Improving Bayou Bartholomew, Louisiana and Arkantholomew, La.
sas: Continuing improvement, five thousand dollars.

Bayou Courtableau, Louisiana: Continuing improvement, five thousand dollars.

Bayou D'Arbonne, Louisiana: Continuing improvement, two thousand dollars.

Bayou Terre- Improving Bayou Terre Bonne, Louisiana: To complete, three thousand dollars.

Red River, Improving Red River, Louisiana: For completion of survey from Fulton, Arkansas, to the Atchafalaya River, thirty-five thousand dollars.

Tensas River and Bayou Macon, Louisiana: Macon, La. Improving Tensas River and Bayou Macon, Louisiana: Continuing Improvement, five thousand dollars.

Improving Red River, Louisiana and Arkansas: Continuing improvement from Fulton, Arkansas, to Atchafalaya River, including completing the work at Alexandria, sixty-five thousand dollars: of which five thousand dollars, or so much thereof as may be necessary, to be used upon Cypress Bayou and the lakes between Shreveport. Louisiana, and Jefferson, Texas: and five thousand dollars or so much thereof as may be necessary, upon Bayou Dorcheat.

Red River, La. and Ark.

Improving Ouachita and Black River, Arkansas and Ouachita and Louisiana: Continuing improvement, twenty thousand Black rivers, Arkansas and La. dollars: of which four thousand five hundred dollars is authorized to be expended for the construction or purchase of a crane-boat with steam power.

Improving Tickfaw River and its navigable tributaries, Louisiana: Continuing improvement, one thou-er, La.

Tickfaw Riv-

sand dollars.

Improving Little River [a], Louisiana, two thousand Little River, five hundred dollars.

Improving Bayous Rondeway and Vidal, Louisiana, Bayous Rondeway and Vidal, Louisiana, Bayous Rondeway and Vidal, La. by removing obstructions, one thousand dollars.

Improving Calcasieu River and Passes, Louisiana: Calcas Continuing improvement at the entrance to said river River, La. Calcasieu

and pass, ten thousand dollars.

ing a navigable channel sixty feet wide and six feet in quemine, La. depth. from deep water we take depth, from deep water up to the Plaquemine Dike, and for securing the mouth of the bayou from further caving, one hundred thousand dollars, pursuant to plan recommended by the engineers.

Improving Bayou Lafourche, Louisiana, pursuant to Bayou fourche, La. the project of Lieutenant O. T. Crosby, Corps of Engineers, dated June eleventh, eighteen hundred and eightysix, fifty thousand dollars, including immediate dredging to secure low water navigation.

Improving Buffalo Bayou, Texas: Continuing im-Buffalo Bayprovement, twenty-five thousand dollars.

Improving Trinity River, Texas: Continuing improve- er, Tex.

ment, twelve thousand five hundred dollars.

Improving Arkansas River, Arkansas: Continuing improvement, one hundred and fifty thousand dollars: Pro-Provisos. vided, That nothing herein contained shall authorize the Secretary of War to enter upon the project of improvement of said river as set forth in the report of the Board of Engineers on improvement of the Arkansas River from Wichita, Kansas, to its mouth, dated New York City, March sixteenth, eighteen hundred and eightyeight, and contained in House Executive Document Number Two hundred and thirty-four, first session, Fiftieth Congress: Provided, That the Secretary of War shall expend the appropriation under this head with reference to the final improvement of this river as contemplated

Scope of im-

in the report of the Chief of Engineers for the year end-

ing July first, eighteen hundred and eighty-five, and as authorized in the act for the improvement of rivers and yol. 24, p. harbors approved August fifth, eighteen hundred and Ante, p, 452. eighty-six, and in House Executive Document number ninety, Forty-ninth Congress, first session; said methods to be applied, as the Secretary of War may direct, at such points between Wichita, Kansas, and the navigable mouth of the Arkansas River, at its junction with the Mississippi River, as he may deem for the best interest of commerce. And all moneys now to the credit of different sections of the Arkansas River, other than appropriations for the operating of snag boats, shall be available for use under this head; and in future the engineer in charge of this work and the Secretary of War shall make report upon the progress and needs of this work Reports. under this head, instead of reporting upon disconnected projects, as heretofore. Nothing herein contained shall be understood to prevent the Secretary of War from ap-

> allotting not exceeding eight thousand dollars as a contingent fund for the expenditure in Pine Bluff Reach. Improving Saint Francis River, Arkansas: Continu-

plying any part or all of the funds previously appropriated for use at Fort Smith, Dardanelle, in Pine Bluff Reach, or from expending not exceeding four thousand dollars to remove the bar in front of Van Buren, or from

St. Francis River, Ark. ing improvement, four thousand dollars.

Arkansas Rivstructions.

Improving Arkansas River, Arkansas: For removing er, Ark. Removing ob- obstructions, twenty-five thousand dollars, of which ten thousand dollars is authorized to be used in constructing a new hull for the snag boat Wichita, including capstans and the transfer of the upper works, and three hundred and seventy-five dollars in completing survey and maps.

Improving Red River, Arkansas: To complete im-Red River, Ark. provement above Fulton, three thousand dollars.

Improving Black River, Arkansas and Missouri: Con-

Black River, Ark. and Mo. tinuing improvements, five thousand dollars.

Little Red River, Ark.

Improving Little Red River, Arkansas: Continuing improvement, five thousand four hundred dollars; a portion of which is authorized to be expended in the purchase or construction of a dredge-boat suitable for the work of the river.

Improving Petit Jean River, Arkansas: Continuing Petit Jean River, Ark. improvement, below the iron bridge at the Rocky Crossing, two thousand five hundred dollars.

White River, Improving White River, Arkansas: Continuing im-

provement, twenty-five thousand dollars.

Ouachita Improving Ouachita River, Arkansas, above Camden: River, Ark.

To complete, nine thousand dollars.

Improving Cache River, Arkansas, seven thousand dol-Cache River. Ark. lars; three thousand dollars of which shall be expended for the building and equipping of a small hand-propelled snag-boat, and four thousand dollars for running expenses of the same, in accordance with the recommendation of the engineer in charge.

Improving Big Hatchee River, Tennessee: Continuing Hatchee River, Tenn.

improvement, five thousand dollars.

Improving Caney Fork River, Tennessee: Continuing Caney Fork improvement, two thousand five hundred dollars.

Improving Clinch River, Tennessee: Continuing im-Clinch River.

provement, five thousand dollars.

Improving Cumberland River, Tennessee and Ken-Cumberland tucky: Continuing improvement above Nashville, two and Ky. hundred thousand dollars; with a view to secure a uniform depth in the channel of four feet, commencing with

Improving Cumberland River, Tennessee and Kentucky, below Nashville: Continuing improvement, ten

thousand dollars.

Improving French Broad River, Tennessee: Continu- French Broad River, Tenn.

ing improvement, ten thousand dollars.

a lock at or near the lower island at Nashville.

Improving Hiawassee River, Tennessee: Continuing Hiwassee

improvement, one thousand dollars.

Improving Forked Deer River, Tennessee: Continuing Forked Deer improvement, four thousand five hundred dollars for the North Fork, below Dyersburgh; two thousand five hundred for South Fork; and two thousand five hundred for main river below.

Improving Tennessee River, above Chattanooga, Ten-Tennesse nessee: Continuing improvement, fifteen thousand dol-River, Tenn. Tennessee

lars.

Improving Tennessee River, below Chattanooga, Tennessee: Continuing improvement, two hundred and fifty thousand dollars; of which as much as may be necessary is authorized to be expended in acquiring by purchase or condemnation the land needed for the sites of the permanent buildings necessary in the management of the canals at the improved shoals.

Improving Kentucky River, Kentucky: Continuing Kentucky improvement, one hundred and eighty thousand dollars.

Improving Licking River, Kentucky, from Farmer's to Licking River, West Liberty, three thousand dollars.

Improving Tradewater River, Kentucky: To complete Tradewater River, Ky.

improvement, six thousand dollars.

For the purchase of the improvements known as the Green and Green and Barren River improvements, one hundred and improvements. thirty-five thousand dollars: Provided, That no part of Provise. said sum shall be expended until a full and absolute conveyance of said improvements, together with rights of way, easements, piers, docks, and appurtenances of every nature belonging to or connected with said improvements. by the owner or owners thereof, and the Attorney-General of the United States shall have certified to the Secretary of War that the title is perfect.

Improving the Ohio River: Continuing improvement, three hundred and eighty thousand dollars; of which sum, twenty-five thousand dollars, or so much thereof

Ohio River. Distribution.

as may be necessary, shall be expended in removing the rock obstruction at the mouth of Licking River, twenty thousand dollars, or so much thereof as may be necessary. shall be expended for the construction of a drift-gan at Davis Island Dam, with the necessary bear-trap gates and masonry walls, and seven thousand five hundred dollars in constructing an ice pier pursuant to the present or prospective plan of the Chief of Engineers, at or near Portsmouth, Ohio: Provided, That the Secretary of War is hereby authorized and directed to obtain, if he can do so without cost to the United States, a perpetual lease or conveyance of the riparian rights of the property owners at said locality, in the event said icepier shall be located where there is no landing place:

Provisos.

Ice piers.

Vol. 32, p.

and provided further, That at said locality, if it be an Post, p. 988. improved landing, he shall first obtain a relinquishment of wharfage rights and dues in favor of water craft seeking protection from damage by ice; and no part of this appropriation shall be used for such purpose until the foregoing conditions are complied with; and two thousand five hundred dollars of said Ohio River appropriation may be used for improving the channel in the mouth of the Big Hocking River below the first dam therein; and twenty thousand dollars of said Ohio River appropriation may be used for harbor improvement at Madison, Indiana, according to the plans heretofore submitted by Lieutenant Colonel Merrill, Corps of Engineers; also out of said Ohio River appropriation the sum of fifteen thousand dollars may be expended in completing the construction of the embankment on the south side of the Great Miami River near its junction with the Ohio, to confine the waters of the Great Miami in great floods to the general course of its channel at or near the Ohio, to the end that the formation of the bar in the Ohio now obstructing navigation may be arrested; also out of said Ohio River appropriation the sum of fifteen thousand dollars may be expended in the construction, or aiding in the construction, of such an embankment at Shawneetown, Illinois, as will confine the waters of the river in great floods to the general course of its channel, and protect the harbor; and thirty thousand dollars of said sum of three hundred and eighty thousand dollars may be expended in protecting the harbor at Cairo, Illinois, in the discretion of the Secretary of War, if in the opinion of the Secretary of War the interests of commerce require it.

Falls of the Ohio.

Improving the falls of the Ohio River: Continuing improvement, according to the last plan of the engineer in charge, one hundred and fifty thousand dollars; of which sum twenty-five thousand shall be used in enlarging the canal basin near the locks at Louisville, Kentucky, as recommended in the Engineer's Report of eighteen hundred and eighty-five, page one thousand eight hundred and four.

Improving Indiana Chute Fall, Ohio River: Contin- Indiana

uing improvement, fifteen thousand dollars.

Improving Muskingum River, Ohio: For the construction of a lock at Taylorsville and the reconstruction of River, Ohio. the lock at Zanesville, pursuant to the report of the engineers, one hundred and two thousand dollars: and the Secretary of War is hereby authorized and empowered to grant leases or licenses for the use of the water powers on the Muskingum River at such rate and on such conditions and for such periods of time as may seem to him just, equitable, and expedient: Provided, That the leases or licenses shall be limited to the use of the surplus water rights. not required for navigation. And he is also empowered to grant leases or licenses for the occupation of such lands belonging to the United States on said Muskingum River as may be required for mill-sites or for other purposes not inconsistent with the requirements of navigation; and all moneys received under such leases or licenses shall be turned into the Treasury of the United States, and the itemized statement thereof shall accompany the annual

Proviso. Water-power

But nothing in this act shall be construed to affect any vested rights. vested right, if such there be, of any lessee of water

power on said river.

report of the Chief of Engineers.

appropriation herein made for the latter.

Improving Detroit River, Michigan: To complete, one Detroit River, Michigan:

hundred and thirty thousand and five hundred dollars. Improving Hay Lake Channel, Michigan: Continuing Hay Lake improvement, five hundred thousand dollars: Provided, channel, Mich. Provided, Provided. That any portion, or all of this sum may, in the discretion of the Secretary of War, be used in the work at the falls of the Saint Mary's River, in addition to the specific

Improving Saginaw River, Michigan: Continuing im-Saginaw provement, sixty-five thousand dollars, of which twentyfive thousand dollars are to be used above Bay City, and fifteen thousand dollars in improving the west channel along West Bay City.

Improving Saint Clair Flats Ship Canal, Michigan: st. Clair Flats Continuing improvement, seventy-five thousand dollars; Canal all or any portion of which may, in the discretion of the engineer, be expended in dredging Grosse Pointe Channel.

Improving Saint Mary's River, at the Falls, Michigan: St. Mar Continuing improvement on new lock, dam, and ap-

proaches, one million dollars.

Improving Clinton River, Michigan: Continuing im-Clinton River, provement, ten thousand dollars; and the Secretary of War be, and is hereby, authorized to accept for the United States a conveyance of the parcel of land known as "Shoemaker's Bend," as per warranty deed from city of Mount Clements to United States, under date of December twenty-ninth, eighteen hundred and eighty-seven, amounting to six and three-quarter acres, for the purpose of straightening the channel of Clinton River.

St. Joseph River, Mich.

Improving Saint Joseph River, Michigan, from its mouth to Berrien Springs, two thousand five hundred dollars.

Black River. Mich

Improving mouth of Black River [a], Michigan, ten thousand dollars.

Rouge River. Mich.

Improving Rouge River, Michigan, at its junction with Detroit River, and up the river as far as the bridge of Saint Louis and Wabash Railroad, ten thousand dollars.

Chippewa River, Wis.

Improving Chippewa River, including Yellow Banks. in said river, Wisconsin: Continuing improvement, ten thousand dollars.

Fox River, wîs.

Improving Fox River, Wisconsin, below Montello. except as hereinafter provided: Continuing improvement. one hundred thousand dollars; of this sum five thousand dollars, or so much thereof as may be necessary, shall be used for deepening the south outlet of Lake Winnebago. at Neenah, Wisconsin, so as to make navigation practicable during low water season; six thousand dollars, or so much thereof as may be necessary, shall be expended in constructing a levee at Portage, Wisconsin, to prevent the overflow of the Wisconsin River into the Upper Fox River.

Levee a t

The sum of six thousand dollars, appropriated by the Portage, Wis. vol. 24. p. river and harbor act of August fifth, eighteen hundred 5. Ante, p. 455. and eighty-six, for a levee at Portage, Wisconsin, shall be available for that purpose; the sum of ten thousand dollars, appropriated by the river and harbor act of July fifth, eighteen hundred and eighty-four, "to be used in Channel be maintaining a channel between DePere and Green Bay, and Green Bay. Wisconsin," shall be used, as soon as practicable, on the 143. Lower Fox River, in buoying, straightening, and further Ante, p. 409. deepening the channel of said river, between said cities.

St. Croix River, Wis. and Improving Saint Croix River, Wisconsin and Minnesota: Continuing improvement, ten thousand dollars. Improving Red River of the North, Minnesota: Con-

Minn. Red River of the North, Minn.

tinuing improvement, twenty thousand dollars.

Minnesota

Improving Minnesota River, Minnesota, including Niver, Minu. Improving Minuscott 13.10, popular the borough 27, p. protecting and holding the banks opposite the borough Post, p. 636. of Belle Plaine, so as to prevent the river from cutting through the narrow neck of land at that point and thereby changing its channel and course, ten thousand dollars.

Wabash River, Ind. and

Improving Wabash River, Indiana and Illinois, above Vincennes: Continuing improvement, five thousand dol-

Improving Wabash River, Indiana and Illinois, below Vincennes: Continuing the work on lock and dam at Grand Rapids, near Mount Carmel, Illinois, fifty thousand dollars, and for continuing improvements, including the work at or near Grayville, ten thousand dollars.

a Empties into St. Clair River.

Improving White River, Indiana: Continuing im- White River, Ind. 26, p. provement, five thousand dollars; no part of which is to be expended until the bridges are so changed as not to 448.

obstruct navigation.

Improving Calumet River, Illinois and Indiana: Con- Calumet tinuing improvement, fifty thousand dollars; of which River, Ill. and fifteen thousand is to be used in improving the river above the Forks to one-half mile east of Hammond, and thirty-five thousand for the improvement of the river between its mouth and One hundred and eighth street.

The amount heretofore appropriated for the improvement of said Calumet River from its mouth to its Forks. or so much thereof as may be necessary, shall be immediately available for the improvement between its mount and and One hundred and eighth street, anything in the act Ante, p. 409. of July fifth, eighteen hundred and eighty-four and 325. August fifth, eighteen hundred and eighty-six to the con-

trary notwithstanding.

Improving Illinois River, Illinois: Continuing im- Illinois and provement, two hundred thousand dollars. And for the rivers, Ill. purpose of securing a continuous navigable water-way Survey for between Lake Michigan and the Mississippi River, hav-Lake Michigan ing capacity and facilities adequate for the passage of to Mississippi ing capacity and facilities adequate for the passage of River. the largest Mississippi River steam-boats, and of naval vessels suitable for defense in time of war, the Secretary of War is authorized and directed to cause to be made the proper surveys, plans, and estimates for a channel improvement and locks and dams in the beds of the Illinois and Desplaines Rivers from La Salle to Lockport. so as to provide a navigable water-way, not less than one hundred and sixty feet wide, and not less than fourteen feet deep, and to have surveyed and located a channel from Lockport to Lake Michigan, at or near the city of Chicago, such channel to be suitable for the purposes aforesaid; the necessary expenses of such surveys, estimates, plans, and location to be paid out of the sum herein appropriated for the improvement of the Illinois River.

The Secretary of War is further authorized and directed Location and to cause to be located, on such line as he may approve, nois and Mississippi Canal a canal from the Illinois River at or near the town of Hen-sissippi Canal. nepin to the Mississippi River at or above the mouth of Rock River, together with a necessary feeder for the same, said canal to be known as the Illinois and Mississippi Canal, and to be eighty feet wide at the water line, and to have a depth of not less than seven feet of water, with locks one hundred and seventy feet long and thirty feet wide. The Secretary of War shall cause to be made and submitted to Congress detailed plans and estimates for the construction of said canal and feeder; the necessary expense of making such location, plans, and estimates shall be paid out of the unexpended balance on hand

heretofore appropriated for the survey of said canal by the River and Harbor act approved August fifth, eighteen Yol. 24, p. hundred and eighty-six, for the examination of said canal, 326. Ante, p. 456 and of the Illinois and Michigan canal by a board of Engineers.

Mississippi

ervoirs

For continuing operations upon the reservoirs at the Storage res- headwaters of the Mississippi River, twelve thousand dollars, to be expended in accordance with the recommendation of the Board of Engineers in their report to the Chief of Engineers, dated May twenty-fourth, eighteen hundred and eighty-seven. And it shall be the duty of the Secretary of War to prescribe such rules and regulations in respect to the use and administration of said reservoirs as in his judgment the public interest and necessity may require; which rules and regulations shall be posted in some conspicuous place or places for the information of the public. And any person knowingly and willfully vio-

lating such rules and regulations shall be liable to a fine not exceeding five hundred dollars, or imprisonment, not exceeding six months, the same to be enforced by prosecution in any district court of the United States within

whose territorial jurisdiction such offense may have been St. Paul. Vol. 25. vol. 25, pp. 421, 424. Post, pp. 512, 516.

Gauging at committed. And the Secretary of War shall cause such pp. gaugings to be made at or near Saint Paul during the annual operation of said reservoirs as shall determine accurately the discharge at that point, the cost of same to be paid out of the annual appropriation for gauging the Mississippi waters of the Mississippi River and its tributaries.

River. thonys Falls.

For operating snag-boats and dredge-boats on Upper Snags, etc. Vol.25, p.424. Mississippi River, twenty-five thousand dollars. Poet, p. 516.

Above St. An-

Improving the Mississippi River above Saint Anthony's Falls, ten thousand dollars.

Improving the Mississippi River from the landing on the west bank below the Washington avenue bridge, Min-Minneapolis neapolis, to the Des Moines Rapids, including work for to Des Moines the protection of the bank of the Mississippi River at Winona, Minnesota, on account of the erosion caused by dams erected above the city to improve the navigation of the river, and the examination and survey at the Rock Island Rapids in said river hereinafter mentioned: Con-

Rock

tinuing improvement, six hundred thousand dollars. And inasmuch as the present channel of the Mississippi Rapids.

Examination River at the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of insufficient of the Rock Island Rapids is said to be of the Rock Island Rapids is said t cient width and depth, and dangerous to the navigation of said river, the Secretary of War is hereby authorized and directed to cause an examination and survey to be made at said rapids, with the view of determining the best and most economical mode of securing a safer channel of greater width and depth, sufficient to meet the necessities of the commerce and navigation of the river, either by the construction of a canal around said rapids on the Illinois side of said river, from the head of the rapids near Rapids City, Illinois, on the most direct and feasible route to the main river, at the foot of said rapids, or by widening and deepening the present channel of the river at said And the Secretary of War shall cause a report of said examination and survey to be made to Congress at its next session, together with plans and estimates of the probable cost for the construction of such canal, or for the widening and deepening of the present navigable channel of the river, and with such plans and estimates, shall submit his opinion as to the best and most economical plan of improving the river at said rapids in the interest of the commerce and navigation of the river, and for the purpose of such examination and survey, so much of the above appropriation of six hundred thousand dollars as may be necessary is hereby authorized to be expended, not to exceed fifteen thousand dollars.

Improving the Mississippi River at Des Moines Rap-Rapids Canal. ids Canal, under the modified project, thirty-five thousand dollars; and the Secretary of War is necessary and ized and directed to use so much of the money appropri
146.

110.

140.

23, p.

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146.

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200.

24, p.

24, p. eighty-four, and August fifth, eighteen hundred and 328 eighty-six, for the construction of a pier at the outer wall of the Des Moines Rapids Canal as may be necessary in the establishment of a floating boom, connecting said wall with the upper draw rest of the bridge at Keokuk, if in his opinion such work would adequately and advantageously serve the interests of navigation; and the balance left over of said appropriations of eighteen hundred and eighty-four and eighteen hundred and eightysix, if any, to be used in continuing the improvement of the Des Moines Rapids under present project.

Improving Mississippi River from Des Moines Rapids To mouth of River. to the mouth of Illinois River, two hundred thousand dollars, including the removal of bars at the mouth of Cedar Creek, in Quincy Bay, dredging in said bay; opening Willow Slough, and removing the bars at the mouth of Whipple Creek and Hamburg Bay, if in the opinion of the Secretary of War the same is deemed advisable in the interest of commerce and navigation; and fifty thousand dollars of said sum, or so much thereof as may be necessary may be expended in improving and strength: ening Sny Island Levee where it crosses Sincarte Slough and other sloughs, and in repairing wash outs in said

Improving dry-dock at Des Moines Rapids: To com- Dry dock, plete, sixteen thousand two hundred and fifty dollars.

Improving the Mississippi River from the mouth of To mouth of Ohio River. the Illinois River to the mouth of the Ohio River, including the completion of the work at Alton, and at the discretion of the Secretary of War, the protection of the Illinois shore opposite the mouth of the Missouri River and the improvement of Saint Louis harbor: Continuing improvement, three hundred thousand dollars.

Report.

Moines

Ante, p. 460.

Rapids.

Head Passes to Ohio River.

Improving Mississippi River from head of the Passes to the mouth of the Ohio River: Continuing improvement, two million dollars; which sum shall be expended under the direction of the Secretary of War in accordance with the plans, specifications, and recommendations of the Mississippi River Commission: Provided, That no

Provisos

Levees.

portion of this appropriation shall be expended to renair or build levees for the purpose of reclaiming lands or preventing injury to lands or private property by over-flows: Provided, however, That the Commission is au-thorized to repair and build levees if in their judgment it should be done as part of their plans to afford ease and

navigation.

SHEVEV.

Protecting safety to the navigation and commerce of the river and to deepen the channel. Of the foregoing sum one hundred and fifty thousand dollars, or so much thereof as shall be necessary, shall be expended in protecting the bank along the Lake Bolivar front, by revetment.

For survey of the Mississippi River from the head of the passes to its headwaters: Continuing survey, seventy-

five thousand dollars.

For continuing the removal of snags, wrecks, and other Snags, etc. Vol. 25, obstructions in the Mississippi River, one hundred thou-Post. p. 516. sand dollars.

For work in accordance with the plans and specifica-

tions of the Misissippi River Commission:

Columbus. At Columbus, Kentucky: Continuing improvement, twenty-five thousand dollars.

At Hickman, Kentucky: Continuing improvement, Hickman.Kv.

seventy thousand dollars.

At Helena, Arkansas, seventy-five thousand dollars. Helena, Ark. At Greenville, Mississippi: Continuing improvement, Greenville. Miss. seventy-five thousand dollars.

At Vicksburg, Mississippi: Continuing improvement, Vicksburg. Miss.

one hundred and fifty thousand dollars.

New Orleans, At New Orleans, Louisiana: Continuing improvement,

two hundred thousand dollars.

Atchafala y a At the head of the Atchafalaya and mouth of Red and Red rivers. River, Louisiana, for rectification thereof, by preventing further enlargement of the Atchafalaya and restricting its outlet capacity, and for turning the waters of Red River into the north or upper channel around Turnbull's Island, and for keeping open a navigable channel through the mouth of Red or Old River into the Mississippi, two

nundred and fifty thousand dollars.

Vols. 16, p. For gauging the waters of the Lower Mississippi River

598; 25, pp. and its tributaries as provided for in joint resolution of

420, 424; 32; twenty-first of February, eighteen hundred and seventy
pp. 189, 510; one, nine thousand six hundred dollars [a]: Provided,

1009.

a On April 21, 1891, the Secretary of War decided, after inquiry at the Treasury Department, that under the provisions of section 6 of this act, the amount of the permanent annual appropriation provided therein for such gauging did not exceed \$6,000. Section 9 of the river and harbor act approved June 13, 1902, increases this limit to \$9,600 annually.

That three thousand six hundred dollars of same is authorized to be expended in paying the expenses of gauging the said waters during the fiscal year ending June thirtieth, eighteen hundred and eighty-eight.

of Mississippi River, pursuant to the act of March 464;25, p. 424; third, eighteen hundred and seventy-five, ten thousand Ante, p. 246; dollars.

Improving Gasconade River, Missouri: Continuing 622.

improvement, five thousand dollars.

Improving Little River, Missouri, from Hornersville to Little River, its junction with the Saint Francis River, five thousand dollars.

Improving Osage River, Missouri: Continuing improve- Osage River, ment, five thousand dollars.

Improving Saint Francis River, Missouri, from Greenville to the Arkansas State line, five thousand dollars.

Improving Black River, Missouri, seven thousand Black River. dollars.

Improving Missouri River from mouth to Fort Benton: Continuing improvement, one million dollars, including River. removal of obstructions, surveys, and examinations, to be expended under the direction of the Secretary of War, in accordance with the plans, specifications, and recommendations of the Missouri River Commission, except as herein modified.

Out of the above sum the following amounts shall be applied to the purposes hereinafter specified, namely: One hundred and fifty thousand dollars, or so much thereof as may be needed, shall be expended on that portion of the Missouri River lying between the cities of Council Bluffs, Iowa, and Omaha, Nebraska, and a point five miles above the bridge of the Omaha and Council Bluffs Bridge Company, by the course of said river; that the sum of one hundred thousand dollars, or so much thereof as may be needed, shall be expended on said river at Sioux City, Iowa, and in Nebraska, opposite said city; that the sum of fifty thousand dollars, or so much thereof as may be needed, shall be expended on said river at or near Plattsmouth, Nebraska; that the sum of fifty thousand dollars, or so much thereof as may be needed, shall be expended on said river at or near Rulo, Nebraska; that the sum of seventy-five thousand dollars, or so much thereof as may be needed, shall be expended on said river at or near Nebraska City, Nebraska; that the sum of sixty-five thousand dollars, or so much thereof as may be necessary, shall be expended on said river at or near Kansas City, Missouri; that the sum of sixty-five thousand dollars, or so much thereof as may be necessary, shall be expended on said river at or near Saint Joseph, Missouri; that the sum of forty-five thousand dollars, or so much thereof as may be necessary, shall be expended on said

Proviso. Deficiency.

River. Mo.

Missouri

Distribution.

river at or near Arrow Rock, Missouri; that the sum of seventy-five thousand dollars, or so much thereof as may be necessary, shall be expended on said river at or near Leavenworth, Kansas; that the sum of seventy-five thousand dollars, or so much thereof as may be necessary, shall be expended on said river at or near Atchison, Kansas; and that the sum of twenty-five thousand dollars, or so much thereof as may be necessary, shall be expended on said river at or near Miami, Missouri.

Mokelumne Improving Mokelumne River, California: Removing

obstructions, two thousand dollars.

Sacramento and Feather Rivers, Californiers, Cal. nia: Continuing improvement, twenty thousand dollars; Vol.26, p.668, to be expended for snagging and dredging operations.

Post, p. 540, to be expended for snagging and dreaging operations.
Napa River, Improving Napa River, California, seven thousand five

<sup>I.</sup> hundred dollars.

San Joaquin
River, Cal.

Improving San Joaquin River, California: Continuing improvement, twenty-five thousand dollars; a portion of which may be used, in the discretion of the engineer, in closing Laird's Slough and in making the partial closure of what is called "Paradise Cut."

Petaluma Improving Petaluma Creek, California: Continuing

improvement, two thousand dollars.

Columbia Improving canal at the Cascades, Oregon: Continuing

improvement, three hundred thousand dollars.

Improving Upper Columbia River, including Snake River, Oregon and Washington Territory: Continuing improvement, ten thousand dollars.

Improving the mouth of the Columbia River, Oregon:

Continuing improvement, five hundred thousand dollars.

Lower Willamette and Columbia Rivers in front of and below Portland, Oregon: Continuing improvement, one hundred thousand dollars, of which sum, one thousand dollars, or so much thereof as may be necessary, may be expended in dredging the bar at Skamokawa,

on the Columbia River.

Willamette River, Oreg.

Improving Willamette River above Portland, Oregon: Continuing improvement, twenty-nine thousand dollars, of which sum fourteen thousand dollars, if deemed necessary by the Secretary of War, may be expended in revetting the Willamette River, above Corvallis, to prevent the threatened change in the channel of the river at said point.

Coquille River, Oregon: Continuing improvement, twenty-five thousand dollars; of which five thousand dollars is authorized to be expended for snag-

ging between Coquille City and Myrtle Point.

Umpqua River, Oregon: To complete, two thousand dollars.

Columbia River, Oregon: For gauging. Gauging waters of the Columbia River, Oregon: For fiscal years ending June thirtieth, eighteen hundred and eighty-eight, and June thirtieth, eighteen hundred and eighty-nine, two thousand five hundred dollars.

Post, p. 886.

Proviso. Existing

Improving Chehalis River, Washington Territory: Con- Chehalis River, Chehalis River, Washington Territory: Con- Chehalis River, Chehalis River, Chehalis R tinuing improvement, two thousand dollars.

Improving Cowlitz River, Washington Territory: Con- Cowlitz River, Wash.

tinuing improvement, three thousand dollars.

Improving Skagit, Stielaguamish, Nootsack, Snohomish and Snoqualmie Rivers, Washington Territory: sak, Snoho-Continuing improvement, fifteen thousand dollars; of mish, and Snowhich five thousand dollars shall be used for a snag-boat wash. \_ and outfit.

SEC. 2. That whenever complaint shall be made to the currents by Secretary of War that by reason of the placing in any plers, etc. navigable waters of the United States of any bridge pier 454.

\*\*The current of such waters has been so de-\*

\*\*Post, p. 582.\*

\*\*Yol. 27, p. 1901.\*\* or abutment, the current of such waters has been vol. 21, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, vol. 21, p. flected from its natural course as to cause by producing 110, vol. 21, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its natural course as to cause by producing 110, p. flected from its property, it shall be his duty to make inquiry, and if it 1151. shall be ascertained that the complaint is well founded. he shall cause the owners or persons operating such bridge to repair such damage or prevent such danger to property by such means as he shall indicate and within such time as he may name, and in default thereof the owners or persons operating such bridge shall be liable in any court of competent jurisdiction to the persons injured in a sum double the amount of said injury: Provided, however, That nothing herein contained shall be construed so as to rights of acaffect any rights of action which may exist at the time of tion. the passage of this act  $\lceil a \rceil$ .

SEC. 3. That it shall be the duty of the Secretary of Application War to apply the money herein and hereafter appropriations. ated for improvements of rivers and harbors, other than

surveys, estimates and gaugings, in carrying on the various works, by contract or otherwise, as may be most economical and advantageous to the Government. Where said works are done by contract [b], such contract shall be 452. Vol. 26, p. made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution and completion of the work accord-

ing to such contract.

Sec. 4. That for the purpose of securing the uninter-surveys at rupted examinations and surveys at the South Pass of the Mississippi Mississippi River, as provided for in the act of March River.

Appropriathird, eighteen hundred and seventy-five, the Secretary of the made per-War, upon the application of the Chief of Engineers, is manent.

Contracts.

Post, p. 580.

a This section is amended by the river and harbor acts approved Sept. 19, 1890 (sec. 7), July 13, 1892 (sec. 3), and Mar. 3, 1899.

b Section 2 of the river and harbor act approved Sept. 19, 1890, provides that nothing in the above section 3 shall be so construed as to prohibit or preveut the cumulation of two or more works of river and harbor improvement in the same proposal and contract where such works are in the same region and of the same kind or character.

18. p. hereby authorized to draw his warrant or requisition Vols. 464; 25, 422; from time to time upon the Secretary of the Treasury for 32, p. 340; from time to time upon the Secretary of the Treasury for Ante, pp. 246; such sums as may be necessary to do such work, not to exceed in the aggregate for each year the amount appropriceed in the aggregate for each year the amount appropriated in this act for such purpose: Provided, however, Proviso. That an itemized statement of said expenditures shall ac-Report. company the Annual Report of the Chief of Engineers.

Regulations 452.

for navigation of south Pass, authorized to make such rules and regulations for the Vol. 26, P. payigation of the South Pass of the Mississippi River as navigation of the South Pass of the Mississippi River as Post, p. 580. to him shall seem necessary or expedient for the purpose of preventing any obstruction to the channel through said South Pass and any injury to the works therein con-The term "South Pass," as herein employed. shall be construed as embracing the entire extent of channel between the upper ends of the works at the head of the pass and the outer or sea end of the jetties at the entrance from the Gulf of Mexico; and any person who shall willfully violate any rule or regulation made by the Secretary Punishment of War in pursuance of this act shall be guilty of a misdemeanor, and, on conviction thereof, shall pay a fine not exceeding five hundred dollars and undergo an imprisonment not exceeding six months, at the discretion of the court [a].

SEC. 5. That the Secretary of War be, and he is hereby,

for violation.

River.

420, 421. 374. Post, Proviso.

Snag boats boats. etc., Miss

Report.

420, 421. A n t e, 510, 512.

Gauging waters of lower Mississippi rupted gauging of the waters of the Lower Mississippi rupted gauging of the waters of the Lower Mississippi Ner. Appropriate River and its tributaries, as provided for in joint resolution made per- tion of the twenty-first of February, eighteen hundred waner. Vol. 16, p. and seventy-one, upon the application of the Chief of En598.

Ante, p. 189. gineers, the Secretary of War is hereby authorized to

Vol. 25, pp. draw his warrant or requisition from the to time upon 420, 421. 510, 512. yol. 32, p. necessary to do such work, not to exceed in the aggregate for each year the amount [b] appropriated in this act for such purpose: Provided, however, That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers.

Sec. 7. That for the purpose of securing the uninterrupted work of operating snag boats on the Upper Mississippi River, and of removing snags, wrecks, and other Appropria obstructions in the Mississippi River, the Secretary of tion for, made War, upon the application of the Chief of Engineers, permanent. rmanent. Vol. 25, pp. is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the amounts

> a This section is amended by section 3 of the river and harbor act approved Sept. 19, 1890.

b On Apr. 21, 1891, the Secretary of War decided, after inquiry at the Treasury Department, that the amount of the permanent annual appropriation thus provided did not exceed \$6,000. Section 9 of the river and harbor act approved June 13, 1902, increases this limit to \$9,600.

appropriated in this act for such purposes: Provided. however. That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers.

Proviso.

uscript of the annual report of the Chief of Engineers of Engineers and subordinate engineers, relating to the improvement and Mississippi of rivers and harbors, and the report of the Mississippi River Commisand Missouri River Commissions to be placed in the latest stops. and Missouri River Commissions to be placed in the hands stons. of the Public Printer on or before the fifteenth day of October in each year, and the Public Printer shall cause said reports to be printed with an accurate and comprehensive index thereof, on or before the first Monday in

December in each year, for the use of Congress.

SEC. 9. That whenever the Secretary of War shall have obstructions good reason to believe that any railroad or other bridge by bridges. now constructed, or which may hereafter be constructed, Secretary of war to provide over any of the navigable water-ways of the United States against. is an obstruction to the free navigation of such waters, by 148. or where there is difficulty in passing the draw-opening 453. or the raft-span of such bridge by refer to the raft-span other water-craft, it shall be the duty of the said Secre- 1153. tary to give notice to the persons or corporations owning or controlling such bridge to so alter the same as to render navigation through or under it free, easy, and unobstructed; and in giving such notice he shall prescribe in each case a reasonable time in which such alteration is to be made. If, at the end of such time, the alteration has not been made, the Secretary of War shall forthwith appraise the Attorney-General of the United States, whose duty it shall be to institute suit, in the name of the United States, without delay, in the circuit or district court of the United States for the circuit in which such bridge is located, which court is hereby invested with jurisdiction for this purpose, to recover from the owners or managers of such bridge the fines mentioned in the succeeding section of this act  $\lceil a \rceil$ .

Vol. 23, p.

Post, p. 580. V o l . 30, p.

Post, p. 890.

SEC. 10. That the owner or owners or manager or mana-for obstructing gers of any railroad or other bridge obstructing the free navigation. navigation of any navigable water-way of the United 148. States who shall willfully fail or refuse to remove the same, or to cause the necessary alterations to be made in 453. free, easy, and unobstructed to rafts, steam-boats, or 1153, 1154. other water-craft, after receiving potice to the contract of the contract o from the Secretary of War and within the time prescribed by him, shall be subject to a fine as penalty therefor of five hundred dollars per month for the time he or they

Litigation.

Ante, p. 417. Vol. 26, p.

a This section is amended by the river and harbor acts approved Sept. 19, 1890 (sec. 4), and Mar. 3, 1899 (sec. 18).

are in default, and the amount so recovered shall be placed to the credit of the improvement fund of the

Fishways.

water-way obstructed by such bridge [a]. SEC. 11. Whenever the improvements provided for by this act, or those which have heretofore been prosecuted by the United States, or may hereafter be undertaken. shall be found to operate (whether by lock and dam or otherwise), as obstructions to the passage of fish, the Secretary of War may, in his discretion, direct and cause to be constructed practical and sufficient fish-ways, to be paid for out of the general appropriations for the streams on which such fish-ways may be constructed.

Harbor lines.

Vol. 24, p.
329. Ante, p. War that the establishment of harbor lines is essential to
462. Vol. 26, p.
452. Post, the preservation and protection of harbors, he may, and
p. 584. Vol. is hereby, authorized to cause such lines to be established,
28, p. 713. beyond which no piers or wharves shall be extended or
Vol. 30, p. deposits made except under such regulations as may be

Surveys.

SEC. 13. That the Secretary of War is hereby directed. at his discretion, to cause examinations or surveys, or both, to be made, and the cost of improvement to be estimated at the following localities, to wit: In the States of-

Arkansas.

#### ARKANSAS.

Ouachita River, Louisiana and Arkansas, from its mouth to head of navigation, to determine the advisability and probable cost of its permanent improvement.

Alahama.

# ALABAMA.

The Secretary of War is hereby authorized and directed to cause a survey to be made at the earliest practicable time for the location of a channel in and along the Coosa River, in Alabama, from the rapids at Wetumka to connect with the improvements already completed on said river above the Ten Islands, and to direct the engineer making the survey to report as to the most feasible, economical, and suitable plan for making such improvement.

Warrior River from Tuscaloosa to Demopolis, for deepening and widening the channel with a view of the

easy transportation of coal.

Sipsey River, from the Tombigbee River at Vienna to Texas, with a view of easy transportation of coal.

Choctawhatchee, for low water navigation.

a This section is amended by the river and harbor acts approved Sept. 19, 1890 (sec. 5), and Mar. 3, 1899 (sec. 18).

b This section is amended by the river and harbor acts of Sept. 19, 1890 (sec. 12), Aug. 18, 1894 (sec. 9), and Mar. 3, 1899 (sec. 11).

#### CALIFORNIA.

California.

San Beunaventure Harbor.

Eel River, entrance and inside bars to head of navigation.

Klamath River, entrance and inside bars to head of navigation.

San Simeon Bay.

The Secretary of War is hereby directed to make an examination and report to Congress as to the necessity for the establishment and maintenance of public moorings for the protection of shipping in the open and exposed ports on the Northern coast of California at Fort Ross, Fish's Mill, Fish Rock, Shelter Cove, Trinidad and such other places as may be deemed advisable by him.

#### CONNECTICUT.

Connecticut

Mystic River.

New London Harbor.

Black Rock Harbor, for breakwater to Pentfield Reef and south from Fairweather Island.

#### ARIZONA.

Arizona.

Colorado River, between Camp Mojave and El Dorado Canon.

Colorado River, between Camp Mojave and the point where the boundary-line between Nevada and Utah Territory intersects said river.

#### DELAWARE.

Delaware.

Nanticoke River, from Seaford to Concord. Mahon River.
Prime Hook Creek.
Appoquinimink Creek.

#### DAKOTA.

Dakota.

Ice harbor at or near Bismarck, on the Upper Missouri River.

#### FLORIDA.

Florida.

Saint Andrew's Bav.

Chipola River, from its mouth to Marianna. Saint Mark's River and bar at its mouth.

Ocklawaha River from its mouth to Lake Griffin.

Homosassa River and bar at its mouth.

Chipola River from its mouth to Wewahitchka and the "Cut Off," and "Lee's Slough," running from the Apalachicola River to the Chipola River.

Crystal River and bar at its mouth. Alafia River and bar at its mouth.

Sarasota Bay.

The channel between Tampa Bay and Old Tampa Bay.

Georgia.

GEORGIA.

Flint River, rock reefs at Albany and above. Savannah Kiver above Augusta and between Augusta and Andersonville.

Oconee River.

Ocmulgee River. Resurvey.

Indiana.

INDIANA.

Grand Calumet River [a], beginning one-half mile east of Hammond, and thence eastward to Lake Michigan.

For the survey of a canal-way connecting the waters of Lake Michigan with the Calumet River, beginning at a point on the Calumet River one mile east of Hammond. Indiana, and running due north to Berry Lake. and thence along the eastern waters of said Berry Lake: thence northeast to Lake Michigan. The survey to estimate a canal fourteen feet deep and two hundred feet

Berry Lake forming a natural harbor of refuge.

Illinois.

TLLINOIS.

Moline City Harbor. Grand Calumet River.

Mississippi River, the main slough at Hamilton, Illinois, to the end of securing a good and sufficient steamboat landing at that point.

Iowa.

TOWA.

For a survey [sic] and examination of the Mississippi River at and near the head of Beaver Island, at Clinton, Iowa, to determine what is necessary to remove the sandbars there formed and forming, so as to make navigable and protect the entrance to the western channel, and the channel itself that runs between Beaver Island and the Iowa shore.

Kentucky.

KENTUCKY.

Harbor at Owensboro  $\lceil b \rceil$ .

Big Sandy River from Catlettsburgh to Pikeville, on Louisa [Levisa] Fork, and to the mouth of Pond Creek on Tug Fork.

Louisiana.

LOUISIANA.

Bayou Teche, from mouth to Saint Martinsville. Atchafalaya River, from Berwick's Bay to Gulf of Mexico, to secure a channel of twenty feet depth. Mouth and Passes of Calcasieu River.

a Usually called Calumet River.

In Ohio River.

Bayou Terrebonne, for continuing dredging three miles above Houma.

Harbor of Baton Rouge.

Tangipahoa River.

Bayou Dorcheat, from Lake Bisteneau to the Arkansas line.

Tchefuncta and Bogue Falia.

Bayou Chitta [a].

Bayou des Glaises, with a view to establishing locks. Bayou Saint John, from head of navigation to Lake Pontchartrain.

Bayou Lafourche, from Donaldsonville to Gulf.

Amite River.

Bayou Manchac.

Bayou Teche, with a view to putting in locks.

Tickfaw River.

Bayou Terrebonne and Bayou Black [\*], with the view of opening a shorter water-way between Mississippi River and Berwick's Bay, Texas and Mexico.

#### MARYLAND.

Maryland.

Eastern Branch of Potomac River.

Wicomico River [c].

North East River.

Manokin River.

Warwick River. Wetypkin River.

Chester River, between Crumpton and Jones' Landing.

South East River.

La Trappe River.

Still Pond Harbor.
Tuckahoe River.

Sassafras River.

Elk River.

## MASSACHUSETTS.

Massachusetts.

Taunton River. Cohasset Harbor. Weymouth River.

Goose Point Channel, Plymouth Harbor, to public wharf at Kingston.

Weir River.

Salem Harbor, including South River.

Beverly Harbor.

Cranes and Waters Rivers of Essex Branch.

Martha's Vineyard, inner and outer harbor at Edgarton.

a Usually known as Bogue Chitto.

on the eastern shore of the State.

b Discharges into Bayou Bœuf, which latter empties into Berwick Bay (an enlargement of Atchafalaya River) at Morgan City.
c The reports upon this item relate to the stream of that name

Stage Harbor at Chatham.

Westport Harbor, and East and West Branch of Westport River.

Malden River, as to straightening, widening, and deep-

ening the channel.

Mississippi.

### MISSISSIPPI.

Gulf Port Harbor, with a view to obtaining a twenty foot channel two hundred feet wide to approach the shore as near as practicable.

Leaf River, from its mouth to mouth of Bowie Creek,

near the New Orleans and Northeastern Railroad. Chickasahay River, from its mouth to Enterprise.

Blufi Creek, from its mouth to the head of navigation. Tombigbee, between Vienna and Cotton Gin, with a

view of obtaining continuous navigation.

Bogue Phalia, especially the part known as the Narrows, with view to its improvement.

Minnesota.

### MINNESOTA.

Duluth.

Michigan.

#### MICHIGAN.

False Presque Isle Harbor, Lake Huron, for a harbor of refuge.

Au Gres River, to deepen channel to village of Au Gres

to ten feet in depth.

Black River, Lake Superior, to deepen channel to depth of sixteen feet and constructing a breakwater.

Detroit River, at Gross Point, to dredge channel now

in use to depth of twenty feet.

Petoskey Harbor, for breakwater and harbor of refuge. Thunder Bay River, Alpena, for sixteen foot channel from mouth to one mile above.

Au Sable River at Au Sable, with view of twelve foot

channel and breakwater.

Port Austin, for breakwater. Lexington, for breakwater. Forestville, for breakwater.

Black River, at Port Huron, to deepen channel from mouth to Grand Trunk railroad bridge to depth of eighteen feet.

Pine River, at Saint Clair City, to deepen channel from mouth to Belknap's brick-yard to depth of sixteen feet.

Quanicassee River, to deepen channel from mouth to village of Sebewaing to twelve feet.

Port Sanilac, for harbor of refuge.

Saugatuck Harbor, to obtain channel of navigable width, with a minimum depth of fifteen feet and reconstructing piers.

Monroe Harbor, to deepen channel to sixteen feet.

Grand River, from Grand Rapids to Lake Michigan: For channel of navigable width, minimum depth of ten feet.

Algonac on St. Clair River, with view of uniting north and south channels between Clark and Harsems Islands.

#### MAINE.

Maine.

Monhegan Island Harbor.

Belfast Harbor.

Harbor and channel at Pembroke.

Union River and Union River Bay.

Harrissecket River.

Saint Croix River: Resurvey.

Medomac River.

Pleasant River, from Columbia Falls to its mouth.

Kennebunk River.

MISSOURI.

Missouri.

Clarksville Harbor[<sup>a</sup>]. Saint Louis Harbor.

Grand River.

The Secretary of War is hereby authorized and directed to cause a survey to be made of the Osage River, Missouri, from its mouth up to the first shoal, and five miles above the same, and to report an estimate, based on such survey, of the cost of constructing one lock and dam within the limits of said survey, and the effect upon the navigation of said river, of constructing said lock and dam.

Missouri River at Miami.

### NEW HAMPSHIRE.

New Hamp-

Cocheco River, from Dover to its mouth.

The Secretary of War is hereby authorized and directed to cause a survey to be made of the Hampton River in New Hampshire, and to direct the engineer making the survey to report as to the most feasible, economical, and suitable plan for improving the same.

#### NEW MEXICO.

New Mexico.

Rio Grande River, from Embudo to El Paso, Texas.

## NEW YORK.

New York.

Water-way around Niagara Falls, of capacity and facilities sufficient to float merchant ships and ships of war of modern build, drawing twenty feet of water, said water-way to commence in a navigable part of Niagara. River, in Niagara County, at or near Tonawanda, and to end in the navigable waters of said river below said

falls, or in navigable waters connected therewith. For the purposes hereof the Secretary of War, in his discretion, may take into consideration and revise the surveys and estimates of such a waterway heretofore made by Brevet Colonel C. E. Blunt, of the United States Corps of Engineers, in compliance with a joint resolution of Vol. 15, P. the Congress approved March twenty-second, eighteen bundred and sixty-seven.

Plattsburgh: For extension of three hundred feet on

north end of the breakwater.

Fort Pond Harbor, Montauk.

East Rockaway Creek, Long Island.

Brown's Creek, Saysville. Port Jefferson Inlet.

Wappinger's Creek, from Wappinger's Falls to its mouth.

Tarrytown Harbor.

East Rockaway Creek [a].

Salmon River [b], from railroad bridge at Fort Covington to the international line, with a view of deepening the channel to seven feet.

Black River, from Brownville to Lake Ontario.

Cape Vincent Harbor, to establish a breakwater. Shoals between the Sister Islands and the cross-over light in Saint Lawrence.

Larchmont Harbor.

A ship channel between Jersey City and Ellis Island. Harbor of refuge at Frontberg [°], on the south shore of Lake Ontario.

Genessee River, from a point south of the present harbor and above the village of Charlotte, extending southerly a distance about three thousand feet.

Channel connecting Irondequoit Bay with Lake On-

tario, for harbor of refuge at Irondequoit Bay.

Harbor at Troutberg [d].

Harbor, mouth of Salmon River [8], Lake Ontario. Lake George, with view of placing buoys and improv-

ing channel.

The East River, with a view to the removal of a ledge of rocks in the same, from the foot of Broome street to the foot of Twenty-third street in New York City. This survey to be made notwithstanding any other survey heretofore made.

b A tributary of St. Lawrence River.

d The report on this item had reference to the selection of Trout-

berg Bay for a harbor of refuge.

<sup>&</sup>lt;sup>a</sup>This item and the fifth one above it appearing to refer to the same stream, one report was submitted covering both items.

<sup>&</sup>lt;sup>c</sup> The locality bearing this name could not be found. The harbor intended was probably that at Troutberg Bay, an examination of which is provided for in the third item following.

e Enters Mexico Bay, Lake Ontario, about 20 miles east of Oswego. Selkirk is at the mouth and Port Ontario about 1 mile above the mouth.

### NEW JERSEY.

New Jersey.

Alloway Creek. Little Salem Creek.

Hackensack River, from the lower bridge at the town

of Hackensack to the Erie Railway Bridge.

From the pier Lithe [line] to the main channel, a distance of about sixteen hundred and fifty feet, and seven hundred feet north by northeast from Ellis Island for a ship channel or basin between the deep water of Hudson River and Ellis Island.

### NORTH CAROLINA.

North Caro-

Trent River, to upper Quaker Bridge.

Fishing Creek.

Shallotte River. Swift Creek.

White Oak River.

North East River (Cape Fear).

Waterway, between New River and Swansboro.

Mackev's Creek.

Pasquotank River, above the mouth of Turner's Cut.

Cape Fear River, North Carolina, from Wilmington to the ocean, with an estimate of the cost of its improvement, with a navigable channel twenty feet deep at mean low water.

Ocracoke Inlet.

Tar River, from Tarboro to Rocky Mount.

оню.

Ohio.

Conneaut Harbor, for deepening and widening channel.
Cowles Creek or Geneva.

Mouth of Chagrin River, near Willoughby. Muskingum River from Zanesville to Dresden.

OREGON.

Oregon.

Siuslaw River and bar. Clackamas River.

Tualatin River.

The Secretary of War is authorized and directed to appoint a board of three engineers from the United States Army whose duty it shall be to thoroughly examine the obstructions to navigation in the Columbia River at The Dalles and Celilo Falls, and at Three and Ten Mile Rapids, and to report to the Secretary of War, on or before the first Monday in December next, as to the feasibility and advisability of overcoming such obstructions by means of a boat-railway at The Dalles and Celilo Falls, and by widening, to a navigable status for large tonnage river boats, the channel of said river at Three and Ten Mile Rapids, accompanied by careful and detailed plans, with estimates of the cost and a statement as to the usefulness of such improvements to navigation and of their

relations and value to commerce; and said board shall also report, at the same time, as to any other plan or project for overcoming said obstructions at said points. whereby said obstructions to navigation may be removed, which in the judgment of said board may be deemed either more desirable than the above or worthy of consideration by the Secretary of War and Congress, and shall report detailed plans, with estimates of the cost of such proposed improvement or improvements, and as to their relations to commerce and usefulness to navigation: and said board shall report which of said projects is by it deemed most advisable. And the Secretary of War shall transmit said report to Congress, at its next session, with his own views and those of the Chief of Engineers of the United States Army thereon; and the sum of fifteen thousand dollars, or so much thereof as may be necessary, is hereby appropriated to defray the cost of making said examination and survey and the expenses of said board.

Nehalem Bav and bar.

Young's River and its tributary Klaskuine River.

Umpqua River, in the State of Oregon; separate surveys and estimates to be made, first, of that portion of such river between Scottsburgh and the mouth; and second, of that portion between Scottsburg and Hart's Rapids, near Elkton.

South Caro-

SOUTH CAROLINA.

Broad and Saluda River, above Columbia.

Beaufort River, from a point three miles south of the town of Beaufort through to Coosaw River, with view to

its improvement, especially at Brickyard.

Ashepoo River, from the Charleston and Savannah Railroad bridge, six miles down the river, with view to removing obstructions and shoals caused by sunken vessels.

Connect North Edisto and South Edisto Rivers by

Saint Pierre River and South Creek.

Savannah River, as to whether the damage to the Vernezobie Freshet Bank in eighteen hundred and eightyseven was caused by the work at cross-tides, and whether the maintenance of said bank is essential to the success of the work at cross-tides, and what will be the cost of so constructing said bank as to confine the water of said river to its bed.

Owendaw and Wando Rivers and other waters and water-routes connecting Bull's Bay and the harbor of Charleston.

Socastee Creek from its entrance into Waccamaw River

to the bridge at Socastee.

Combahee River: Examine whether the breaking of Bull River into Combahee River near the head of Bull River will injure the navigation of Combahee River, and report a plan for obstructing said breaks and the cost thereof.

#### TEXAS.

Texas.

For removal of raft on Gaudaloupe River.

Mouth of Caney Creek, where it empties in Matagorda Rav

Removal of bar at mouth of Cedar Bayou where it empties into Galveston Bay.

### TENNESSEE.

Tennessee.

Lower Cumberland River, from Nashville to mouth, to ascertain if necessary to establish locks and dams.

#### RHODE ISLAND.

Rhode Is-

Fishing Place Cove[a], near Seaconnet Point, with

view to constructing a breakwater.

Cove near southeast extremity of Coaster's Harbor Island, and water-way between said island and Rhode Island, with a view to deepening the water-way and removing obstructions.

Entrance to Point Judith Pond, west of Point Judith,

with a view of establishing a harbor of refuge.

Coast near life-saving station, East Point Judith, with

a view to constructing a breakwater.

Greenwich Bay, to deepen water on the bar at Long

Point.

For a survey of Narragansett Bay at the mouth of Narrow River with a view of constructing a breakwater.

#### VERMONT.

Vermont.

Swanton Harbor, as to what changes are necessary in present improvements.

## VIRGINIA.

Virginia.

Quantico Creek.

Occoquan Creek.

Acquia Creek. Chickahominy Creek.

Onancock Harbor.

Hampton Creek and Bar.

For cutting of Hospital Point [Norfolk Harbor] and giving a depth of twenty-five feet and an additional width of two hundred feet.

Chuckatuck Creek.

Bennett's Creek.

Ware River.

Hull Creek.

Occobannock [Occobannock].

Roanoke, River, between Clarksville and Eaton Falls.

 $<sup>^{</sup>a}$  Usually called Churchs Cove; it is known also as Sakonnet Point Harbor.

Hunting Creek [Fairfax County], at its mouth.

Harbor of Cape Charles City and approaches by Cheuton [a] Inlet.

Chincoteague Inlet, for purposes of a breakwater.

Machodac River.

Nassowaddox River.

The channel crossing the Potomac from Alexandria, Virginia, to the Maryland side.

New York.

### NEW YORK.

Great Chazy River from its mouth on Lake Champlain to Champlain Village.

West Virginia.

WEST VIRGINIA.

Cheat River.

Monongahela River above upper dam [b].

Great Cacapon.

South Branch of the Potomac River.

Washingt on Territory.

# WASHINGTON TERRITORY.

Upper Columbia River, between Wallula and British

North Palouse River.

Wisconsin.

#### WISCONSIN.

Centreville Creek, Manitowoc County.

Racine Harbor, enlarging and deepening channel.

Kenosha Harbor, for refuge.

Harbor at mouth of Fond du Lac River, in Lake Win-

nebago.

Oconto Harbor, channel sixteen feet deep and seventyfive feet wide from piers to first contour in river at Spies

Slough.

For a survey of Minnesota Point, at Superior, at the west end of Lake Superior, to ascertain what, if anything, should be done to preserve the same from the inroads of the Lake, and for the protection of the harbor, together with the cost thereof.

Menomonee Harbor, from the waters of Green Bay to N. Ludington and Company's mill, Wisconsin, for a channel sixteen feet deep and two hundred feet wide.

Appropriation for surveys, etc.

Provisos.

Sec. 14. For examinations, surveys, and contingencies, and for incidental repairs, for which there is no special appropriation, for rivers and harbors, one hundred and fifty thousand dollars: *Provided*, That no survey shall be made of any harbors or rivers until the Chief of En-

a Probably meaning Cherrystone Inlet.

<sup>&</sup>lt;sup>b</sup> That is, Dam No. 9, which ponds the river to Morgantown. The locality examined was therefore above Morgantown.

gineers shall have directed a preliminary examination of Preliminary examination to the same by the local engineer in charge of the district, be made before or an engineer detailed for the purpose; and such local or survey. detailed engineer shall report to said Chief of Engineers. whether, in his opinion, said harbor or river is worthy of improvement, and shall state in such report fully and particularly the facts and reasons on which he bases such opinion, including the present and prospective demands of commerce; and it shall be the duty of the Chief of Engineers to direct the making of such survey, if, in his opinion, the harbor or river proposed to be surveyed be worthy of improvement by the General Government; and he shall report to the Secretary of War the facts, and what public necessity or convenience may be subserved thereby, together with the full reports of the local engineer: And provided further, That the Government projects. shall not be deemed to have entered upon any project for the construction or improvement of any waterway, harbor or canal mentioned in this act unless or until the work of construction shall have been actually appropriated for. Said reports of preliminary examinations and surveys Report of shall be made to the House of Representatives, and are aminations to hereby ordered to be printed when so made.

Canal. etc..

Received by the President July 31, 1888.

NOTE BY THE DEPARTMENT OF STATE.—The foregoing act having been presented to the President of the United States for his approval, and not having been returned by him to the House of Congress in which it originated within the time prescribed by the Constitution of the United States, has become a law without his approval.

CHAP. 870. —An Act To authorize the Kentucky Rock Gas Aug. 13, 1888. Company to lay conduit pipes across the Ohio and Salt rivers.

Vol. 25, p. 438.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of Congress is hereby given to Kentucky the Kentucky Rock Gas Company to lay pipes for conmay lay pipes ducting natural gas, petroleum, or salt water across the Salt rivers. Ohio River and Salt River, at such points as may be deemed necessary, between the lower boundary of Bradenburgh, in Meade County, Kentucky, and the upper boundary of Louisville, in Jefferson County, Kentucky: Provided, That said pipes be laid upon or beneath the bed of Not to obstruct. navigathe river and in such manner as not to interfere with navi-tion. gation, and under the supervision of the Secretary of War.

Proviso.

Approved, August 13, 1888.

H. Doc. 425, 58-3-34

CHAP. 900. -An Act For improving the mouth of the Brazos Aug. 21, 1888. Vol. 25, p. 444. River, Texas.

Re it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Brazos River Channel and Dock Company, a corporation organized under and by virtue of the Brazos River Channel a n d laws of the State of Texas, be, and are hereby authorized, Dock Co.

on the conditions hereinafter mentioned, to construct, own, and operate such permanent and sufficient jetties and such auxiliary works as are necessary to create and permanently maintain, as hereinafter set forth, a navigable

create channel at the mouth of the Brazos River, Texas, between channel at said river and the Gulf of Mexico, and so far into the mouth of Bra- said river and the banks of the said Brazos River. Tex. main-land and between the banks of the said Brazos River as may be necessary to reach a place that will afford security from storms, swells, cyclones, and tidal waves, for the purposes of furnishing the vessels and boats adapted to the purpose facilities for navigation in and along the entire length of said channel, charging and col-

Tolls.

Jetties, etc.

Provisos.

Free navigation to maintained.

Damages.

secured three years.

laws of the United States: and for that purpose they may construct, in the river, and likewise in the Gulf of Mexico. such walls, jetties, dikes, levees, and other structures, and employ such boats, rafts, and appliances as they may, in the prosecution of said work, deem necessary: Provided, That no such structures or means employed shall hinder, delay, or materially interfere with the free navigation in said river or between said river and the Gulf of Mexico; and, to protect their said works, they may build and main-

tain such levees or embankments as may be necessary to

lecting such toll therefor as may be prescribed by the

regulations that may be made by the Secretary of the Treasury of the United States in conformity with the

secure their permanency along the banks of said Brazos River; and said Brazos River Channel and Dock Company shall hold the United States harmless from any damages that may accrue to any person or persons by overflow or otherwise caused by the construction of said walls, jetties, dikes, levees, and other works constructed by said company: Provided further, That unless the construction of Commence the proposed work shall be substantially commenced with-

in one year from date of the approval of this act, and prosecuted with due diligence, the provisions contained herein in relation to the said improvement shall be null and void; and unless the said Brazos River Channel and Dock 12 feet to be Company shall secure a navigable depth of twelve feet of water from a point in the river so far as may be necessary to reach a place that will afford security from storms,

swells, cyclones, and tidal waves, above its mouth and extending from said point to a depth of twelve feet in the Gulf of Mexico, outside of the present bar, within three years after the date of the approval of this act, Congress may revoke the privileges herein granted in relation to said improvement. And Congress may revoke the provisions herein granted in relation to said improvement, unless the said Brazos River Channel and Dock Company shall, after securing twelve feet of water, secure an additional depth of not less than two feet during each succeeding year thereafter; until eighteen feet shall have been secured; and in case said Brazos River Channel and Dock Company shall fail to comply with the foregoing conditions as to depth of water, and time, for any period of twelve months in excess of the time fixed, as aforesaid, then the privileges herein granted, in relation to said improvements shall absolutely become null and void with-

out action by Congress.

SEC. 2. That the works of improvement in the said Construc-Brazos River, from the mouth of said river to the point described in section one of this act, shall consist of the construction of dikes, wing-dams, levees, embankments, and dredging or other means which may be considered by said Brazos River Channel and Dock Company necessary for obtaining a depth of eighteen feet of water between the mouth of said river and said point described in section one of this act; and that the said Brazos River Channel and Dock Company may, if they shall decide it best for the interests of navigation, change the course of said river at the sharp bend in said river between the mouth of said river and the said point described in section one of this act, but in making such change the channel shall be made of sufficient depth and width to receive the volume of said river without disturbance of its regimen.

SEC. 3. That if at any time during the construction of Rightof Gov-said jetties and auxiliary works, or after said jetties and chase. auxiliary works shall have been completed, and said channel of eighteen feet in depth has been obtained, the United States shall have the right to pay the said Brazos River Channel and Dock Company the value of their jetties and other works constructed under and by the authority granted to said company by the State of Texas as well as by the authority of this act, and on such payment being made by the United States all right to said franchises and works on the part of said Brazos River Channel and Dock Company shall cease.

SEC. 4. That Congress may at any time alter, amend or repeal this act.

Amendment.

Received by the President August 9, 1888.

Note by the Department of State.—The foregoing act having been presented to the President of the United States for his approval, and not having been returned by him to the house of Congress in which it originated within the time prescribed by the Constitution of the United States, has become a law without his approval.

Sept.10,1888. CHAP. 999.—An Act Declaring that certain water reserve vol.25, p.473. lands in the State of Wisconsin are and have been subject to the provisions of the Act of Congress entitled "An Act granting to railroads the right of way through the public lands of the United States," approved March third, eighteen hundred and seventy-five.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all lands in the State of Wisconsin described

through water Wisconsin.

Right of way in and withdrawn from sale by the proclamations of the through water reserve lands in President of the United States issued March twentysecond, eighteen hundred and eighty, April fifth, eighteen hundred and eighty-one, and November twenty-

Vol. 25, 654.

eighth, eighteen hundred and eighty-one [a], for the rea-Post, p. 536. son that said lands would be required for or subject to flowage in the construction of dams, reservoirs, and other works proposed to be erected for the improvement of the navigation of the Mississippi River and certain of its tributaries, be, and the same are hereby, declared to be. and to have been at all times heretofore, subject to the provisions of a certain act of Congress, entitled "An act granting to railroads the right of way through the public vol. 18, p. lands of the United States," approved March third, Ante, p. 251. eighteen hundred and seventy-five, as fully, effectually,

Proviso.

and to the same extent as though said lands had not been described in said proclamations, or withdrawn from sale thereby, but had remained with the body of public lands subject to private entry and sale: Provided, however, That any and all parts of said lands acquired by any railroad company under said act of Congress shall at all

Right flowage.

of times be subject to the right of flowage which at any time may become necessary in the construction or maintenance of dams, reservoirs, or other works which may be constructed or erected by or under the authority of the United States for the improvement of the navigation of the Mississippi River or its tributaries: Provided further, That the railroad companies availing themselves of this act shall, in addition to filing the maps now required Filing maps by law to be filed, also file maps of definite location of their proposed lines of railroad, over said water reserve

lands, in the office of the Secretary of War, and until the Not to inter-approval of said maps by the Secretary of War no right fere with reservoir project, to occupy said lands shall vest in such companies; and no location shall be permitted which takes for right of way or stations lands needed for the use of the present reservoir system, or in the construction of dams or other works, or any proposed or probable extension of the same, or which will obstruct or increase the cost of the present or prospective reservoir system; or shall any railroad company be permitted to take material for construction from any of said reservoir lands outside the right of way granted herein.

Approved, September 10, 1888.

a By act approved Jan. 30, 1889, the date Nov. 28, 1881, is corrected to read Feb. 20, 1882.

CHAP. 1041. -An Act To amend an Act entitled "An Act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes." approved July fifth, eighteen hundred and eighty-four.

Sept 26.1888. Vol.25, p.497.

Be it enacted by the Senate and House of Representations of the United States of America in Congress assem-Vols. 23, p. tives of the United States of America in Congress assembled, That section seven of the "Act making appropriation of the section seven of the "Act making appropriation of the section seven of the "Act making appropriation of the section of the section, repair, and preservation of the section of the se the same shall read as follows:

"Sec. 7. That it shall be the duty of the Secretary of Regulations for use of, extended to St. the use and administration of the Des Moines Rapids Ship Canal. Canal, the Saint Mary's Falls Canal, the Louisville and Portland Canal, and the Saint Clair Flats Ship Canal as in his judgment the public necessity may require, which rules and regulations shall be posted in some conspicuous place for the information of the public; any person knowingly and willfully violating such rules and regulations shall be liable to a fine not exceeding five hundred dollars, or imprisonment not exceeding six months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed."

Sec. 2. That this act shall take effect immediately. Approved, September 26, 1888.

Effect.

CHAP. 1057.—An Act For the investigation of the mining debris question in the State of California.

Oct. 1, 1888. Vol.25, p.498,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is hereby authorized and bris in Califordirected to detail three officers from the Engineer Corps nia.

Secretary of of the United States Army as a commission for the purwar to appose of making a thorough examination and investigation to investigate the state of Collinear threats. tion of the mining debris question in the State of Cali-tigate. Vol. 27, p. fornia, for the purpose of ascertaining whether some 393. plan can be devised whereby the present conflict between the mining and farming sections may be adjusted and the mining industry rehabilitated; and for a complete examination of the injured navigable river channels, their tributaries and lands adjacent thereto, with a view to the improvement and rectification of said rivers. that the sum of ten thousand dollars, or so much thereof as may be necessary, is hereby appropriated, out of any tion. money in the Treasury not otherwise appropriated, for the purpose of carrying into effect the provisions of this act, said sum to be expended at the discretion of the Sec-

Report.

retary of War; the said commission to report as early as practicable to the Secretary of War the result of their investigation, and the Secretary of War shall make report thereof to Congress.

Approved, October 1, 1888.

Oct. 1, 1888. [No. 46.] Joint Resolution Declaring the meaning of a clause Vol. 25, p. 631. in the river and harbor Act of August eleventh, eighteen hundred and eighty-eight.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,

Fairport That the phrase "present low water mark" in the river harbor, Ohio. and harbor bill of August eleventh, eighteen hundred Designation and eighty-eight, in the paragraph referring to Fairtion appropriation port Harbor, Ohio, is intended to mean the inner shore Vol. 25, p. line represented on map in the report of Chief of Engi-Ante, p. 490, neers of eighteen hundred and eighty-one.

Approved, October 1, 1888.

Oct. 2, 1888. CHAP. 1069.—An Act Making appropriations for sundry civil vol. 25, p. 505. expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assemsummers appropriations. That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, namely:

Mississippi River Commission: For salaries and traveling expenses of the Mississippi River Commission, and for salaries and traveling expenses of assistant engineers under them, and for office expenses and contingencies, thirty-five thousand dollars.

Approved, October 2, 1888.

Oct. 19, 1888. **CHAP. 1210.**—An Act Making appropriations to supply devol. 25, p. 565. ficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for prior years, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Deficiency bled, That the following sums be, and the same are appropriations. hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-eight, and for prior years, and for other objects hereinafter stated, namely:

## ENGINEERS DEPARTMENT.

Engineer Department.

MISSISSIPPI RIVER COMMISSION: Salaries and traveling Mississippi expenses of the Mississippi River Commission, and for Sion. salaries and traveling expenses of assistant engineers, and expenses. for office expenses and contingencies, being for the period from April thirtieth, eighteen hundred and eighty-six, to close of the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and to be at once available, twenty-five thousand dollars.

Salaries and

GAUGING THE WATERS OF LOWER MISSISSIPPI AND ITS TRIBUTARIES: Annual expenses of gauging the water of River. the Mississippi and its tributaries; continuing observa-ters. tions of the rise and fall of the river and its chief tributaries as required by joint resolution of February twenty
your

598. first, eighteen hundred and seventy-one, rendered necessarv for establishing additional gauges at Fulton. Garland, and Collin's Bluff (mouth of Sulphur River) Arkansas, three thousand six hundred dollars.

Mississippi Gauging wa-

Vol. 16, p. Ante. p. 189.

To reimburse and pay the Hartford and New York Hartford and New York New York Transportation Company for labor and money expended Transportation in removing, in an emergency, obstructions and dredging Co. Payment to. the Connecticut River [a] in eighteen hundred and eightysix, under the same rules and inspections as the work on said river had been conducted by the United States engineer officers in charge, two thousand six hundred and six dollars and eighty cents.

## FOX AND WISCONSIN RIVER IMPROVEMENT.

For payment of judgments and awards recovered Fox and Wissagainst the United States for flowage damages caused by consin rivers improvement. the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, and reported to Congress by the Attorney-General in Senate Executive Document Number One Hundred and Eighty-one, Fiftieth Congress, first session, namely:

U. D. Mihills, five hundred and forty dollars;

Northwestern Mutual Life Insurance Company, two thousand and forty-three dollars and forty-five cents;

First National Bank of Madison, two thousand and

thirty-nine dollars six cents;

C. H. Benton, one thousand and nineteen dollars and

fifty-three cents;

George E. Sutherland, six hundred and twenty-six dollars and eighty-nine cents;

Loa Kennan, four hundred and fifty-eight dollars and eighty-three cents; in all, six thousand seven hundred and twenty-seven dollars and seventy-six cents.

Payment to Commissioners.

To pay the amounts due the several commissioners to ascertain flowage damages caused by the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, as follows:

To Commissioner William F. S. Root, two hundred

and seven dollars:

To Commissioner J. W. Watson, eighty dollars and fifty cents:

To Commissioner Benjamin L. Cornish, two thousand

one hundred and eighty-five dollars:

To Commissioner Joseph C. Burdick, two thousand one hundred and eighty-five dollars;

To Commissioner J. Volney Swetting, one thousand

eight hundred and sixty-three dollars;

To Commissioner Samuel Vincent, three hundred and

twenty-two dollars:

To Commissioner George H. Buckstaff, one thousand seven hundred and forty-eight dollars; in all, eight thousand five hundred and ninety dollars and fifty cents.

## Approved, October 19, 1888.

CHAP. 99. -An Act To amend an Act entitled "An Act declar-Jan. 30, 1889. Vol.25, p.654, ing that certain water reserve lands in the State of Wisconsin are and have been subject to the provisions of the Act of Congress entitled 'An Act granting to railroads the right of way through the public lands of the United States,' approved March third, eighteen hundred and seventy-five," approved September tenth, eighteen hundred and eighty-eight.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Water-re-bled, That an act entitled "An act declaring that certain wisconsin. water reserve lands in the State of Wisconsin are and have been subject to the provisions of the act of Congress

Vol. 18, p. entitled 'An act granting to railroads the right of way Ante, p. 251. through the public lands of the United States,' approved Vol. 25, p. March third, eighteen hundred and seventy-five," ap-Ante, p. 532 proved September tenth, eighteen hundred and eighty-

eight, be amended by striking out the words " November twenty-eighth, eighteen hundred and eighty-one," where Date of proc-lamation cor-rected. They occur in said act, and inserting in lieu thereof the words "February twentieth, eighteen hundred and

eighty-two."

serve

Approved, January 30, 1889.

Feb. 14, 1889. CHAP. 165.—An Act To authorize and empower the Mount Vol.25, p.670. Carmel Development Company to draw water from the Wabash River, or its tributaries, in the county of Wabash, and State of Illinois.

> Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-

bled. That the Mount Carmel Development Company, a corporation created and existing under the laws of the ment Co. may State of Illinois, be, and the same is hereby, authorized construct caand empowered to construct and operate, during its cor-bash River, Ill. porate existence, a hydraulic canal from any point on the Wabash River above the lock and dam now in process of construction at the Grand Rapids of said Wabash River, or from any tributary of said river within the county of Wabash and State of Illinois, to any point on said river within the corporate limits of the city of Mount Carmel. Illinois; and to draw from said Wabash River or tributary thereof such supply of water as may be required for withdrawal be not detrimental to the interests of navigation and be subject to the direction and control of the Sector War. the purposes of such corporation: Provided, That such

Approved, February 14, 1889.

[No. 6.] Joint Resolution Making an appropriation for payment Feb. 14, 1889. to the legal representatives of James B. Eads.

Vol. 25. p.

Resolved by the Scrate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, appropriated, out of Ja Bads. any money in the Treasury not otherwise appropriated, the sum of five hundred thousand dollars, to enable the Secretary of War to pay to the legal representatives of Payment to James B. Eads half the sum of one million dollars re-atives. tained by the United States under the act of March third, eighteen hundred and seventy-five, to be paid on the expiration of ten years' maintenance of the channel the maximum depth and width as required by said act of March third, eighteen hundred and seventy-five and subsequent acts.

Vol. 18, p.

Approved, February 14, 1889.

CHAP. 362 .-- An Act To authorize the Union Gas Company to lay conduit pipes across the Ohio River.

Mar. 2, 1889. Vol.25, p.791.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of congress is hereby given to the Union Gas Union Gas Company to lay pipes for conducting natural May lay pipes gas, petroleum, or salt water across the Ohio River at across Ohio such points as may be deemed necessary, between the soutile, Ind., mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, in Harrison County, Indiana, and to Louisville, mouth of Buck Creek, and the Buck Creek, and the Buc the city of Jeffersonville, Indiana, and points opposite thereto in the State of Kentucky, from any point in said

State to the upper boundary of the city of Louisville, Kentucky: Provided, That said pipes be laid upon or beneath the bed of the river and in such manner as not to interfere with navigation, and under the supervision of the Secretary of War.

Approved, March 2, 1889.

Mar. 2, 1889. CHAP. 365.—An Act To authorize the city of Lake View, Illi-Vol.25, p.792. nois, to erect a crib in Lake Michigan for waterworks purposes

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assem-Lakeview. bled, That the consent of Congress is hereby given to the Chicago, Ill. May erect city of Lake View, county of Cook and State of Illinois, pler in Lake Michigan for to extend a tunnel, or inlet pipes, into Lake Michigan so waterworks. far as may be deemed necessary to insure a supply of pure water, and to erect a pier or piers and crib in the navigable waters of said lake, for the making, preserving, and working of said aqueducts or pipes or tunnel, the plan and location thereof to be subject to the approval Proviso. of the Secretary of War; Provided, That said city shall Lights, etc. furnish and maintain at its own expense such beacon lights or other signals on such piers or crib as the Light House Board shall prescribe.

Approved, March 2, 1889.

Mar. 2, 1889. CHAP. 410.—An Act Making appropriations to supply devol.25, p.905. ficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for prior years and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the fiscal year eighteen hundred and eightynine; and for prior years, and for other objects hereinafter stated, namely:

Missouri
ReimburseReimbursehundred and twelve dollars to each of the following named companies, to-wit: The Chicago and Atchison at Winthrop, Bridge Company, the Kansas City, Saint Joseph and Council Bluffs Railroad Company, the Hannibal and Saint Joseph Railroad Company, the Chicago, Rock Island and Pacific Railroad Company, and the Atchison, Topeka and Santa Fe Railroad Company, for moneys

expended by said companies in the construction of works at Winthrop, Missouri, for the protection of the shores of the Missouri River and necessary to preserve navigation at said point; in all, sixty-two thousand and sixty dollars

Approved, March 2, 1889.

CHAP. 411. - An Act Making appropriations for sundry civil Mar. 2, 1889. expenses of the Government for the fiscal year ending June thir- Vol. 25, p. 939. tieth, eighteen hundred and ninety, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the following sums be, and the same are hereby, expenses appropriated for the objects hereinafter expressed for propriations. the fiscal year ending June thirtieth, eighteen hundred and ninety, namely:

HARBOR OF NEW YORK: For expenses in preventing New obstructive and injurious deposits in the harbor and adja-Harbor. cent waters of New York City, including sixty thousand obstructions, dollars for the purchase or construction of a vessel, ninety four thousand and seventy dollars.

New York Preventing

SURVEYS FOR DEEP-WATER HARBOR, GULF OF MEXICO: The Secretary of War is hereby authorized and directed ico. Survey for a to appoint a board of three engineer officers of the United deep-water States Army, whose duty it shall be to make a careful and critical examination of the northwest coast of the Gulf of Mexico, west of ninety three degrees and thirty minutes west longitude, and report as to the most eligible point or points for a deep harbor, to be of ample depth, width, and capacity to accommodate the largest oceangoing vessels and the commercial and naval necessities of the country, which can be secured and maintained in the shortest time and at the least cost: . Provided, That this action shall not be construed to imply a cessation of not to cease. work on other points on the Gulf coast, the improvement of which is deemed necessary for commercial or naval purposes. And the board of engineers shall report the result of its investigations to the Secretary of War as

Gulf of Mexharbor.

Proviso. Other work

To pay the expenses of said board, two thousand dollars, or so much thereof as may be necessary.

Expenses.

Approved, March 2, 1889.

soon as practicable [a].

a The Board deemed Galveston Harbor the most eligible point for the deep-water harbor.

Dec. 21, 1889. [No. 4.] Joint Resolution For removing damages caused by Vol. 26, p. 668. floods in Sacramento and Feather rivers.

Resolved by the Senate and House of Representatives Sacramento of the United States of America in Congress assembled. and Feather That the balances unexpended of the appropriations for rivers. Cal. Balances improving Sacramento and Feather rivers. California. available for acts of August second, eighteen hundred and eighty-two. mage. Vols. 2., 5; 23, 24, damages. July fifth, eighteen nundred and eighty-six; and August elev205; 23, p. fifth, eighteen hundred and eighty-six; and August elev-205; 143; 326; enth, eighteen hundred and eighty-eight, not exceeding one hundred and ten thousand four hundred and forty-Z. Ante, pp.318. nine dollars and sixty-seven cents, in all, are hereby made immediately available for expenditure in improving navi-Restrictions, gation by repairing the damages caused by floods in the Vol. 25, p. Sacramento and Feather rivers, subject only to the restric-Ante, p. 515, tions contained in Sec. 3., of the River and Harbor act which became a law August eleventh, eighteen hundred and eighty-eight.

Approved, December 21, 1889.

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